



BOOK TWO



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Numbers We Need



CURRICULUM

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CURR HIST

BOOK TWO

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Illustrated by The Jam Handy Organization

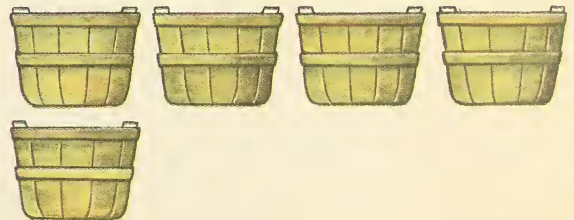


1. How many are there in each group? Write your answers.

a. Pears 9 b. Baskets c. Red apples d. Oranges

2. Draw 5 pears.

3. Draw more baskets to make 10 in all.



1. Write what is missing.

1	2	3	4	5	6			9	10
11	12	13			16	17	18		20
	22		24	25			28	29	
31		33			36	37			40
		43		45	46		48		50
51	52		54			57		59	
	62			65	66		68	69	
71		73	74			77			80
	82	83		85		87	88		
91	92			95			98		100

2. Write what is missing.

- a. 14 15 f. 17 18
- b. 52 g. 85
- c. 74 h. 34
- d. 49 i. 100
- e. 37 j. 68

3. Finish these.

- a. seven 7
- b. twelve
- c. four
- d. ten
- e. eight

4. Count by 10's.

10 20 30 100

5. Count by 2's.

2 4 6

2 (two)

More about the Numbers to 100

Finish the work below.

⊕	<u>17</u>	<u>1</u> ten and <u>7</u> ones
⊕ ⊕ ⊕ ⊕ ⊕	—	— tens and — ones
⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕	—	— tens and — ones
⊕ ⊕	<u>26</u>	<u>2</u> tens and <u>6</u> ones
	<u>62</u>	— tens and — ones
	—	4 tens and 3 ones
	—	3 tens and 1 one

More about Tens

For **50** we write **5** and **0**. The **0** is called zero. The **5** shows that there are 5 tens. The **0** shows that there are no ones.

⊕ ⊕ ⊕ ⊕ ⊕	<u>50</u>	<u>5</u> tens and <u>0</u> ones
-----------	-----------	---------------------------------

Finish the work below. Write a zero to show no ones.

<u>30</u>	<u>3</u> tens and <u>0</u> ones	<u>60</u>	— tens and — ones
<u>80</u>	— tens and — ones	<u>20</u>	— tens and — ones
<u>40</u>	— tens and — ones	<u>78</u>	— tens and — ones
<u>54</u>	— tens and — ones	<u>90</u>	— tens and — ones

1.



3 cows in all. 2 cows are black. 1 cow is red.

One part of 3 is 2. The other part is ____.

3 | 2 and 1

3 | 1 and ____

We can write about 3 and its parts with =.

3 = 2 and 1

3 = 1 and ____

2.



____ milk pails in all

____ big pails. ____ little pails.

One part of 5 is 3.

The other part is ____.

5 = 3 and ____ 5 = 2 and ____

3.



____ milk cans in all

One part of 6 is 2.

The other part is ____.

6 = 2 and ____ 6 = 4 and ____

Finding and Writing about Parts

1. There are two ways to write about these parts. Finish the work.



$$\begin{array}{c} 4 \\ 4 \end{array} = \begin{array}{c} 1 \\ 1 \end{array} \text{ and } \underline{\quad} \\ \underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$

$$\begin{array}{c} 6 \\ 6 \end{array} = \underline{\quad} \text{ and } \underline{\quad} \\ \underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$

$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad} \\ \underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$

2. There is one way to write about these parts. Finish the work.



$$\begin{array}{c} 2 \\ 2 \end{array} = \underline{\quad} \text{ and } \underline{\quad}$$

$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$

$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$

3. Finish the work about these parts.



$$\begin{array}{c} 2 \\ 2 \end{array} = \begin{array}{c} 1 \\ 1 \end{array} \text{ and } \begin{array}{c} 1 \\ 1 \end{array}$$



$$\begin{array}{c} 3 \\ 3 \end{array} = \begin{array}{c} 2 \\ 2 \end{array} \text{ and } \begin{array}{c} 1 \\ 1 \end{array}$$



$$\begin{array}{c} 4 \\ 4 \end{array} = \begin{array}{c} 3 \\ 3 \end{array} \text{ and } \begin{array}{c} 1 \\ 1 \end{array}$$



$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$



$$\begin{array}{c} 5 \\ 5 \end{array} = \underline{\quad} \text{ and } \underline{\quad}$$

$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$



$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$

$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$



$$\begin{array}{c} 6 \\ 6 \end{array} = \underline{\quad} \text{ and } \underline{\quad}$$

$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$



$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$

$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$



$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$

4. a. $5 = 3$ and $\underline{\quad}$

b. $6 = 2$ and $\underline{\quad}$

c. $6 = 1$ and $\underline{\quad}$

Put-Together Stories in Pairs

1.



___ short dresses. ___ long dresses. Find how many in all.

3 short dresses and ___ long dresses are ___ dresses. $3 + 2 = \underline{\quad}$

2 long dresses and ___ short dresses are ___ dresses. $2 + 3 = \underline{\quad}$

The pair of put-together stories is $3 + 2 = \underline{\quad}$ and $2 + 3 = \underline{\quad}$.

2.



___ boy dolls. ___ girl dolls.

$2 \text{ dolls} + 4 \text{ dolls} = \underline{\quad} \text{ dolls}$

$4 \text{ dolls} + 2 \text{ dolls} = \underline{\quad} \text{ dolls}$

The pair of put-together stories is

$2 + \underline{\quad} = \underline{\quad}$ $4 + \underline{\quad} = \underline{\quad}$.

3.



___ little hats. ___ big hat.

Finish the pair of put-together stories.

$5 + 1 =$

$1 + 5 =$

4.



___ red sock. ___ blue socks.

Write the pair of put-together stories.

More about Pairs of Put-Together Stories

1. Most put-together stories go in pairs. Write the pairs.



$$\begin{array}{l} 1 \\ 5 \end{array} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$\begin{array}{l} 1 \\ 5 \end{array} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

2. Most put-together stories go in pairs. These do not.



$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

3. Finish these pairs of put-together stories.

a. $4 + 2 = \underline{\hspace{1cm}}$

b. $2 + 3 = \underline{\hspace{1cm}}$

c. $1 + 5 = \underline{\hspace{1cm}}$

Using Put-Together Stories

Write your work.



Tom saw 2 red trucks and 3 green trucks. Find how many trucks Tom saw in all.

$$2 \text{ trucks} + 3 \text{ trucks} = \underline{\hspace{1cm}} \text{ trucks}$$

$$2 + 3 = \underline{\hspace{1cm}}$$



Jack has 3 little cars and 2 big cars all the same color. Jack has how many cars all the same color?

$$\underline{\hspace{1cm}} \text{ cars} + \underline{\hspace{1cm}} \text{ cars} = \underline{\hspace{1cm}} \text{ cars}$$

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

The Up-and-Down Way of Writing Put-Together Stories

1.



Find how many flowers in all.

2 flowers + 1 flower = ____ flowers

$$\underline{2} + \underline{\quad} = \underline{\quad}$$

Other ways to write this story are

$$\begin{array}{r} 2 \text{ flowers} \\ + 1 \text{ flower} \\ \hline 3 \text{ flowers} \end{array} \qquad \begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

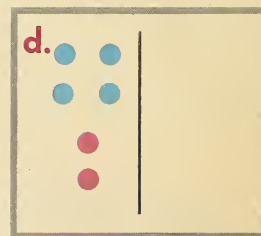
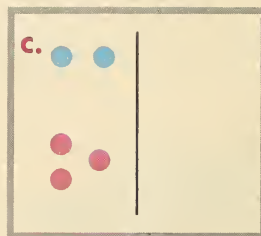
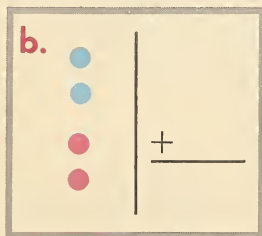
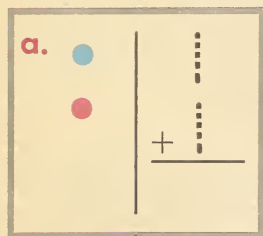
Read down for the up-and-down way.

2. Finish the work the up-and-down way. Read down.

$$\begin{array}{r} 3 \text{ flowers} \\ + \quad \text{flowers} \\ \hline \text{flowers} \end{array} \qquad \begin{array}{r} 3 \\ + \quad \\ \hline \end{array}$$



3. Write each put-together story.



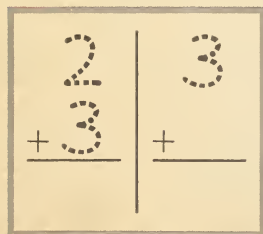
4. Write each pair of put-together stories.

a. 2 and 3

b. 4 and 2

c. 5 and 1

d. 4 and 1



Putting Three Groups Together

1. Find how many roses in all.

This is the put-together story.



$$\begin{array}{r} 2 \text{ roses} \\ 2 \text{ roses} \\ + 1 \text{ rose} \\ \hline 5 \text{ roses} \end{array}$$

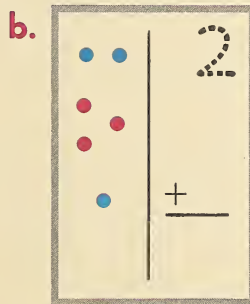
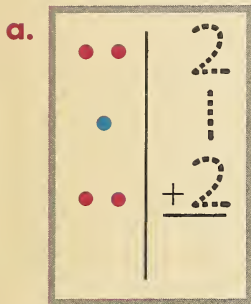
Read down and think,

2 and 2 are ____, then 4 and 1 are ____.

$$2 + 2 + 1 = \underline{\quad}$$

2. How many dots in all?
Finish the work.

3. How many in all?
Write the answers.



a	b	c	d	e
1	3	3	2	2
1	2	1	1	1
$+ 2$	$+ 1$	$+ 1$	$+ 3$	$+ 1$

4. Find how many birds in all.

The put-together story is

$$1 \text{ bird} + 3 \text{ birds} + 2 \text{ birds} = 6 \text{ birds.}$$

Read across and think,

1 and 3 are ____, then 4 and 2 are ____.

$$1 + 3 + 2 = \underline{\quad}$$

5. Finish the work to find how many in all.

a. $1 + 2 + 3 = \underline{\quad}$ b. $1 + 1 + 3 = \underline{\quad}$ c. $1 + 2 + 1 = \underline{\quad}$

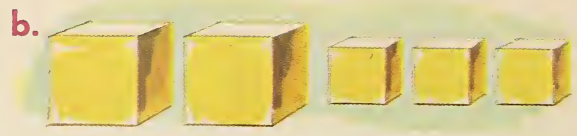
d. $3 + 1 + 2 = \underline{\quad}$ e. $2 + 2 + 2 = \underline{\quad}$ f. $4 + 1 + 1 = \underline{\quad}$

Finding What You Know

1. Write the parts and the put-together stories.



___ yellow flag. ___ green flags.



___ big blocks. ___ little blocks.



___ white cow. ___ black cows.



___ red roses. ___ yellow roses.

2. Write what is missing.

a. One part of 4 is 2.

The other part is ___.

b. One part of 5 is 1.

The other part is ___.

3. Write the answers.

$$2 + 1 = \underline{\quad} \quad 3 + 2 + 1 = \underline{\quad}$$

$$2 + 3 = \underline{\quad} \quad 5 + 1 = \underline{\quad}$$

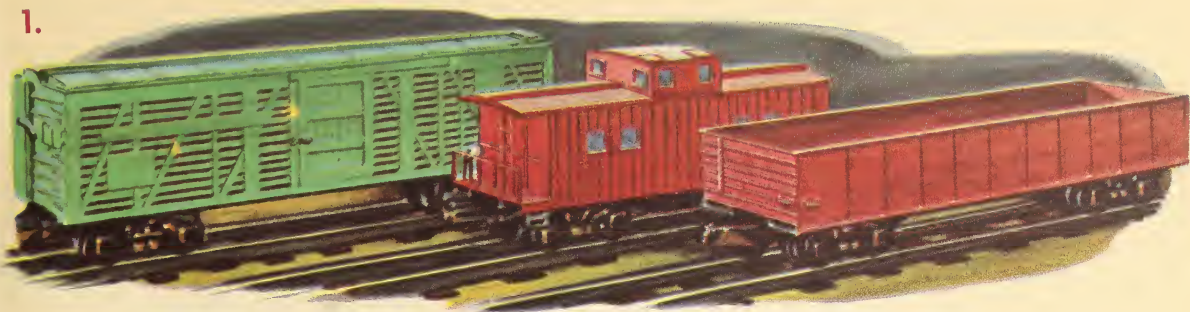
4	1	3	1
+ 2	+ 4	+ 1	+ 4

Can You Match These?



Take-Away Stories in Pairs

1.



___ cars in all in the picture

Cover the 1 green car. Find how many cars are left.

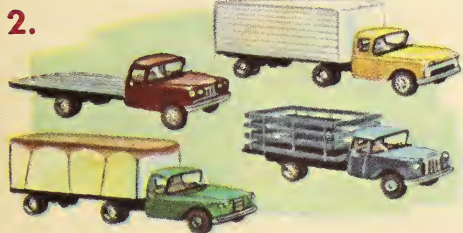
3 cars take away 1 car is ___ cars. $3 - 1 = \underline{\quad}$

Cover the 2 red cars. Find how many cars are left.

3 cars take away 2 cars is ___ car. $3 - 2 = \underline{\quad}$

The pair of take-away stories is $3 - 1 = \underline{\quad}$ and $3 - 2 = \underline{\quad}$.

___ trucks in all



2.

Finish the pair of take-away stories.

Cover 1. ___ are left. $4 - 1 = \underline{\quad}$

Cover 3. ___ is left. $4 - 3 = \underline{\quad}$

3. Finish the pair of stories for each picture.

a.



Cover 2. $6 - 2 = \underline{\quad}$

Cover 4. $6 - 4 = \underline{\quad}$

b.

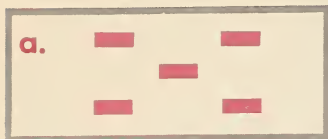


Cover 4. $5 - \underline{\quad} = \underline{\quad}$

Cover 1. $5 - \underline{\quad} = \underline{\quad}$

More about Pairs of Take-Away Stories

1. Most take-away stories go in pairs. Write the pairs.



___ in all



___ in all

Cover 2. ___ - ___ = ___

Cover 4. ___ - ___ = ___

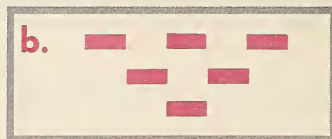
Cover 3. ___ - ___ = ___

Cover 2. ___ - ___ = ___

2. Most take-away stories go in pairs. These do not.



___ in all



___ in all

Cover 2. ___ - ___ = ___

Cover 3. ___ - ___ = ___

3. Finish these pairs of take-away stories.

a. $5 - 2 = \underline{\quad}$

b. $4 - 1 = \underline{\quad}$

c. $6 - 4 = \underline{\quad}$

Using Take-Away Stories

Write your work.

1.



Sam had 5 marbles in his hand. He lost 2 of them. Find how many marbles Sam had in his hand then.

5 marbles - 2 marbles = ___ marbles

$5 - 2 = \underline{\quad}$

2.



Sue had 5 balls. She lost 3 of them. How many balls did Sue have then?

___ balls - ___ balls = ___ balls

___ - ___ = ___

The Up-and-Down Way of Writing Take-Away Stories

1.



___ penguins in all

Cover 1 penguin. Find how many are left.

$$3 \text{ penguins} - \frac{\overset{1}{\underset{3}{\text{penguin}}}}{\text{penguin}} = \text{___ penguins}$$

$$\underline{3} - \text{___} = \text{___}$$

Other ways to write this story are

$$\begin{array}{r} 3 \text{ penguins} \\ - 1 \text{ penguin} \\ \hline 2 \text{ penguins} \end{array} \qquad \begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$

2.



___ penguins in all

Cover 2 penguins. Find how many are left.

Finish the work the up-and-down way.

$$\begin{array}{r} 5 \text{ penguins} \\ - \text{___ penguins} \\ \hline \text{___ penguins} \end{array} \qquad \begin{array}{r} 5 \\ - \text{___} \\ \hline \text{___} \end{array}$$

3. Write the take-away story for the dots in each box.

a.

$$\begin{array}{r} 5 \\ - \text{___} \\ \hline \end{array}$$

b.

$$\begin{array}{r} 5 \\ - \text{___} \\ \hline \end{array}$$

4. Finish the story in the box. Then write the other story to make a pair.

a.

$$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$$

b.

$$\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$$

Finding What You Know

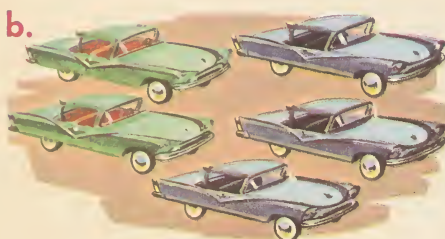
1. Write how many in all. Then write the take-away stories.



___ bicycles in all

Cover 1 green bicycle. _____

Cover 2 red bicycles. _____



___ cars in all

Cover 2 green cars. _____

Cover 3 blue cars. _____



___ wagons in all

Cover 2 green wagons. _____

Cover 4 red wagons. _____

2. Write what is missing.

a. One part of 5 is 1.

The other part is ____.

b. One part of 6 is 2.

The other part is ____.

3. Write the answers.

$$4 - 1 = \underline{\quad}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$$

$$6 - 3 = \underline{\quad}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$

4. Write the answers.

$$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$$

$$1 + 3 + 2 = \underline{\quad}$$

$$6 - 5 = \underline{\quad}$$

Write your work.

1.



Tom has 3 eggs in his basket. He is getting 1 more egg. How many eggs will Tom have in all?

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Five big dogs were playing together. Two of them ran after Billy. Find how many dogs were left playing together.

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

3. There are 3 apples on a plate and 3 apples in a box. How many apples are there in all?

$$\underline{\hspace{2cm}}$$

4. Carol has 1 big doll and 4 little dolls. How many dolls does Carol have in all?

$$\underline{\hspace{2cm}}$$

5. Patty saw some chicks in boxes. Four chicks were in one box and 2 chicks were in the other box. How many chicks did Patty see?

$$\underline{\hspace{2cm}}$$

6. There were 5 fish on a plate. The cat ate 3 of them. How many fish were left on the plate?

$$\underline{\hspace{2cm}}$$

7.



Jane was playing with 6 kittens. Two of them ran away. How many kittens were with Jane then?

$$\underline{\hspace{2cm}}$$

8. Jim had 6 toy trucks. He lost 1 of them. How many toy trucks does Jim have now?

$$\underline{\hspace{2cm}}$$

1.



___ donkeys in all. ___ donkeys are together. ___ donkey is alone.

a. Finish the two put-together stories. $3 + \underline{\quad} = \underline{\quad}$ $1 + \underline{\quad} = \underline{\quad}$

b. Finish the two take-away stories.

Cover the donkey that is alone. $4 - 1 = \underline{\quad}$

Cover the 3 donkeys that are together. $4 - 3 = \underline{\quad}$

c. There are ___ stories about 4 and its parts 3 and 1.

This is the whole story about 4 and its parts 3 and 1.

2.



From this picture you can write the whole story about 5 and its parts 4 and 1.

a. Finish the two put-together stories.

$4 + \underline{\quad} = \underline{\quad}$ $1 + \underline{\quad} = \underline{\quad}$

b. Finish the two take-away stories.

$5 - 1 = \underline{\quad}$ $5 - \underline{\quad} = \underline{\quad}$

More Whole Stories about Groups and Numbers

1. Write about the parts. Then write the whole story.

a. 3 has the parts 1 and 2.



$$1 + \underline{2} = \underline{\quad}$$

$$\underline{2} + \underline{\quad} = \underline{\quad}$$

$$3 - \underline{\quad} = \underline{\quad}$$

$$3 - \underline{\quad} = \underline{\quad}$$

b. 5 has the parts 2 and 3.



$$2 + \underline{3} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$5 - \underline{\quad} = \underline{\quad}$$

$$5 - \underline{\quad} = \underline{\quad}$$

c. 6 has the parts and .



$$2 + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$6 - \underline{\quad} = \underline{\quad}$$

$$6 - \underline{\quad} = \underline{\quad}$$

d. 6 has the parts and .



$$1 + \underline{\quad} = \underline{\quad}$$

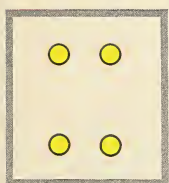
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$6 - \underline{\quad} = \underline{\quad}$$

$$6 - \underline{\quad} = \underline{\quad}$$

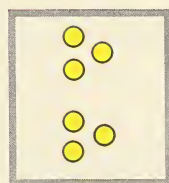
2. There are two stories about each dot picture. Finish the work.

a. 4 has the parts and .



$$\begin{array}{cc} 2 & 4 \\ + & - \\ \hline & \end{array}$$

b. 6 has the parts and .



$$\begin{array}{cc} 3 & 6 \\ + & - \\ \hline & \end{array}$$

3. Finish each whole story.

a. 1 3 4 4

$$\underline{+ 3} \quad \underline{+ \quad} \quad \underline{- \quad} \quad \underline{- \quad}$$

b. 3

$$\underline{+ 2} \quad \underline{+ \quad} \quad \underline{- \quad} \quad \underline{- \quad}$$

One More and One Less

1.



a. $1 + 1 = \underline{\quad}$

b. $2 + 1 = \underline{\quad}$

c. $3 + 1 = \underline{\quad}$

Is your answer 1 more each time? Yes No

2. Finish the stories. The answer is 1 more each time.

a. $\begin{array}{r} 3 \\ + 1 \\ \hline \end{array}$

b. $\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$

c. $\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$

d. $\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$

e. $\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$

f. $\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$

g. $\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$

3. Put X on 1 bead each time. Find how many beads are left.



a. $4 - 1 = \underline{\quad}$

b. $3 - 1 = \underline{\quad}$

c. $2 - 1 = \underline{\quad}$

Is your answer 1 less each time? Yes No

4. Finish the stories. The answer is 1 less each time.

a. $\begin{array}{r} 4 \\ - 1 \\ \hline \end{array}$

b. $\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$

c. $\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$

d. $\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$

e. $\begin{array}{r} 10 \\ - 1 \\ \hline \end{array}$

f. $\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$

g. $\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$

5. Finish the stories. For help, look at the boxes below.

a. $\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$

b. $\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$

c. $\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$

d. $\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$

e. $\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$

f. $\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$

g. $\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

1 quarter



25¢

1. How much? Write the answers.



1 quarter = ____ cents



1 quarter = ____ nickels



1 quarter = ____ dime and ____ nickels



1 quarter = ____ dimes and ____ nickel

2. How much money is shown in each picture?

<p>a.</p> <p>____ ¢</p>	<p>b.</p> <p>____ ¢</p>	<p>c.</p> <p>____ ¢</p>
<p>d.</p> <p>____ ¢</p>	<p>e.</p> <p>____ ¢</p>	<p>f.</p> <p>____ ¢</p>

Do You Know?

1. a. Finish writing in two ways about 5 and its parts 4 and 1.

$$5 = \underline{\quad} \text{ and } \underline{\quad}$$

$$5 = \underline{\quad} \text{ and } \underline{\quad}$$

b. Finish writing about 6 and its parts 3 and 3.

$$6 = \underline{\quad} \text{ and } \underline{\quad}$$

2. What is the other part?

a. One part of 6 is 4.

The other part is .

b. One part of 5 is 2.

The other part is .

3. Finish the work to make pairs of stories.

a.

$$\begin{array}{r|l} 1 & \\ \hline + 4 & \underline{\quad} \end{array}$$

b.

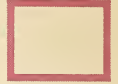
$$\begin{array}{r|l} 6 & \\ \hline - 4 & \underline{\quad} \end{array}$$

4. Finish the whole story.

5			
+ 1	+ <u> </u>	= <u> </u>	= <u> </u>

5. Finish these.

a. 1 ten and 5 ones



b. 40 tens and ones

c. 93 tens and ones

6. Write the answers.

$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 1 \\ \hline \end{array}$
---	---	---	---	---

$\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$
---	---	---	---

$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$
---	---	---	---	---

7. Count by 2's. 2 4 6 20

8. Count by 10's. 10 20 30 100

9. How much?



¢



¢



¢



1. ___ rabbits in all

___ rabbits are looking at the teacher. ___ rabbit is the teacher.

$$7 = \underline{6} \text{ and } \underline{\quad}$$

$$7 = \underline{1} \text{ and } \underline{\quad}$$

2. ___ rabbits in all. ___ rabbits have horns. ___ rabbits have drums.

$$7 = \underline{\quad} \text{ and } \underline{\quad}$$

$$7 = \underline{\quad} \text{ and } \underline{\quad}$$

3. ___ rabbits in all. ___ rabbits are big. ___ rabbits are little.

$$7 = \underline{\quad} \text{ and } \underline{\quad}$$

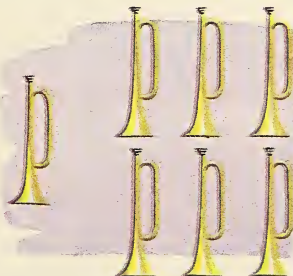
$$7 = \underline{\quad} \text{ and } \underline{\quad}$$

4. These horns show parts of 7. Finish the work about these parts.

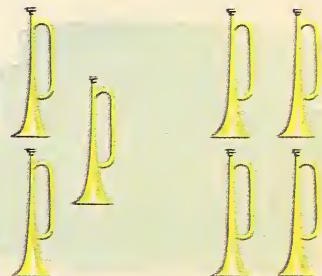
a.



b.



c.



$$7 = \underline{2} \text{ and } \underline{5}$$

$$7 = \underline{\quad} \text{ and } \underline{\quad}$$

$$7 = \underline{\quad} \text{ and } \underline{\quad}$$

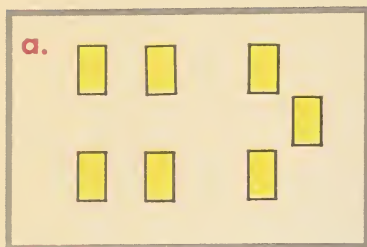
$$7 = \underline{\quad} \text{ and } \underline{\quad}$$

$$7 = \underline{\quad} \text{ and } \underline{\quad}$$

$$7 = \underline{\quad} \text{ and } \underline{\quad}$$

More about Parts of 7

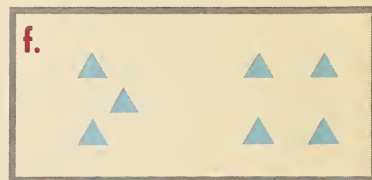
1. Finish writing about these parts of 7 both ways.



$$\begin{array}{l} 7 = 4 \text{ and } \underline{\quad} \\ 7 = 3 \text{ and } \underline{\quad} \end{array}$$

$$\begin{array}{l} \underline{\quad} = \underline{\quad} \text{ and } \underline{\quad} \\ \underline{\quad} = \underline{\quad} \text{ and } \underline{\quad} \end{array}$$

$$\begin{array}{l} \underline{\quad} = \underline{\quad} \text{ and } \underline{\quad} \\ \underline{\quad} = \underline{\quad} \text{ and } \underline{\quad} \end{array}$$



$$\begin{array}{l} \underline{\quad} = \underline{\quad} \text{ and } \underline{\quad} \\ \underline{\quad} = \underline{\quad} \text{ and } \underline{\quad} \end{array}$$

$$\begin{array}{l} \underline{\quad} = \underline{\quad} \text{ and } \underline{\quad} \\ \underline{\quad} = \underline{\quad} \text{ and } \underline{\quad} \end{array}$$

$$\begin{array}{l} \underline{\quad} = \underline{\quad} \text{ and } \underline{\quad} \\ \underline{\quad} = \underline{\quad} \text{ and } \underline{\quad} \end{array}$$

2. Finish writing about these parts of 7 both ways.

a. 7 = 6 and 1

7 = 1 and 6

b. 7 = and

7 = and

c. 7 = and

7 = and

d. 7 = and

7 = and

e. 7 = and

7 = and

f. 7 = and

7 = and

3. a. One part of 7 is 2. The other part is .

b. One part of 7 is 4. The other part is .

The Whole Story about 7 and Its Parts 6 and 1



1. ____ children in all. ____ are not standing. ____ is standing.

a. Finish the two put-together stories. $6 + \underline{\quad} = \underline{\quad}$ $1 + \underline{\quad} = \underline{\quad}$

b. Finish the two take-away stories. $7 - 1 = \underline{\quad}$ $7 - \underline{\quad} = \underline{\quad}$

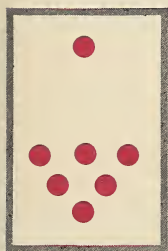
c. This is the whole story about 7 and its parts ____ and ____.

2. ____ children in all. ____ is a boy. ____ are girls.

What is the whole story?

a. Finish the put-together stories. $1 + \underline{\quad} = \underline{\quad}$ _____

b. Finish the take-away stories. $7 - 6 = \underline{\quad}$ _____



3. a. The dots show

$7 = 1$ and ____.

b. Finish the whole story.

1

$\underline{+ 6}$	$\underline{+}$	$\underline{-}$	$\underline{-}$
-------------------	-----------------	-----------------	-----------------

4. Write the whole story about 7 and its parts 6 and 1,

The Whole Story about 7 and Its Parts 5 and 2



1. ____ girls in all. ____ girls are writing. ____ girls are looking at fish.

a. Finish the two put-together stories. $5 + \underline{\quad} = \underline{\quad}$ $2 + \underline{\quad} = \underline{\quad}$

b. Finish the two take-away stories. $7 - 2 = \underline{\quad}$ $7 - \underline{\quad} = \underline{\quad}$

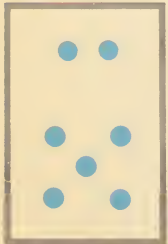
c. This is the whole story about 7 and its parts ____ and ____.

2. ____ girls in all. ____ girls have long hair. ____ have short hair.

What is the whole story?

a. Finish the put-together stories. $2 + \underline{\quad} = \underline{\quad}$ _____

b. Finish the take-away stories. $7 - \underline{\quad} = \underline{\quad}$ _____



3. a. The dots show

$7 = 2$ and ____.

b. Finish the whole story.

2

$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$

4. Write the whole story about 7 and its parts 5 and 2.

The Whole Story about 7 and Its Parts 4 and 3



1. ____ boys in all. ____ boys are not tall. ____ boys are tall.

a. Finish the two put-together stories. $4 + \underline{\quad} = \underline{\quad}$ $3 + \underline{\quad} = \underline{\quad}$

b. Finish the two take-away stories. $7 - 3 = \underline{\quad}$ $7 - \underline{\quad} = \underline{\quad}$

c. This is the whole story about 7 and its parts ____ and ____.

2. ____ boys in all. ____ have boxes. ____ have books.

What is the whole story?

a. Finish the put-together stories. $3 + \underline{\quad} = \underline{\quad}$ _____

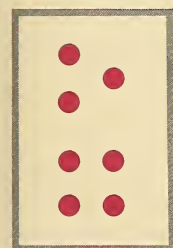
b. Finish the take-away stories. $7 - \underline{\quad} = \underline{\quad}$ _____

3. a. The dots show
 $7 = 3$ and ____.

b. Finish the whole story.

3

$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$



4. Write the whole story about 7 and its parts 4 and 3.

More about Whole Stories

1. Write the whole story about each picture.



2. Finish each whole story.

a.

2			
+ 5	+	-	-

b.

3			
+ 4	+	-	-

3. Finish the whole stories.

a. $3 + 2 = \underline{\quad}$ b. $1 + 5 = \underline{\quad}$ c. $5 + 2 = \underline{\quad}$ d. $4 + 2 = \underline{\quad}$

e.

1			
+ 6			

f.

2			
+ 4			



1. Write your work on the lines.

a. Mary has 2 big balloons and 4 little balloons. Find how many balloons she has in all.

b. Nan must give the store man 2 cents for some candy and 3 cents for a pear. How many cents in all must Nan give the store man?

____¢ + ____¢ = ____¢

c. Betty has 6 pieces of candy. She will give 2 of the pieces to Nan. Find how many pieces of the candy Betty will have left.

d. Tom spent some of his money for 5 candy fish. He ate 2 of them. How many of the fish were left?

e. Sam played with 3 green flags and 3 blue flags. Find how many flags Sam played with in all.

2. Write the answers.

a. $2 + 1 + 2 = \underline{\quad}$

c. 2

d. 1¢

2

4¢

b. $3 + 2 + 1 = \underline{\quad}$

$+ 1$

$+ 1\text{¢}$

¢

Finding Halves



Yes No



Yes No



Yes No



Yes No



Yes No



Yes No



Yes No



Yes No

Telling Time

1. In this picture, the long hand is



at 12. The short hand
is at 6. The time
is 6 o'clock.

2. The long hand is at ____.

Write the time.

a.



____ o'clock

b.



____ o'clock

3. In this picture, the long hand is



at 6. The short hand
has gone past 2.
The time is half past
2.

4. In this picture, the long hand is



at 6. The short hand
has gone past ____.
The time is half past
____.

5. The long hand is at ____.



The short hand has gone
past ____.

The time
is half past ____.

6. The long hand is at ____.



The short hand has gone
past ____.

The time
is half past ____.

7. Write the time for each picture.

a.



half past ____

b.



half past ____

c.



half past ____

d.



half past ____

e.



half past ____

f.



half past ____

g.



half past ____

h.



half past ____

More about Time

1. Draw both hands on each clock. Point them to show the time.

a. 2 o'clock

b. 10 o'clock



2. Draw the long hand on each clock. Point it to show the time.

a. half past 12

b. half past 8



3. Draw the short hand on each clock. Point it to show the time.

a. half past 1

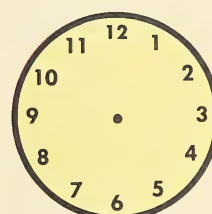
b. half past 9



4. Draw both hands on each clock. Point them to show the time.

a. half past 3

b. half past 11



● Write the answers. Look for + and -.

1.	4	4	3	6	4	3	1	2	6¢
	<u>+ 1</u>	<u>- 2</u>	<u>+ 2</u>	<u>- 3</u>	<u>+ 2</u>	<u>+ 3</u>	<u>+ 5</u>	<u>+ 3</u>	<u>- 4¢</u>

2.	5	6	5	2	5	4	6	1	3¢
	<u>- 2</u>	<u>- 2</u>	<u>- 3</u>	<u>+ 4</u>	<u>- 4</u>	<u>- 3</u>	<u>- 5</u>	<u>+ 4</u>	<u>+ 1¢</u>

3.	8	10	7	9	7	9	8	5	6¢
	<u>- 1</u>	<u>- 1</u>	<u>+ 1</u>	<u>+ 1</u>	<u>- 1</u>	<u>- 1</u>	<u>+ 1</u>	<u>+ 1</u>	<u>- 1¢</u>

4.	$2 + 1 + 3 = \underline{\quad}$	$4 + 1 + 1 = \underline{\quad}$	$2¢ + 2¢ + 1¢ = \underline{\quad}¢$
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Finding What You Know

1. Write the whole story.



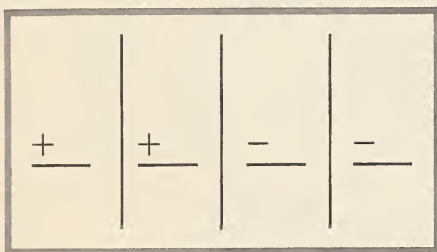
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

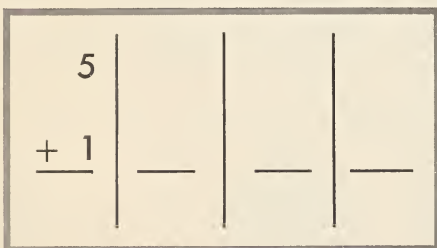
$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

2. Write the whole story.



3. Finish the whole story.



4. What time is it?

a



___ o'clock

b



half past ___

5. What is the other part?

a. One part of 7 is 2.

The other part is ___.

b. One part of 6 is 3.

The other part is ___.

6. 40 = ___ tens and ___ ones

20 = ___ tens and ___ ones

7. 1 quarter = ___¢

1 quarter = ___ nickels

8. Write the answers.

$$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ - 3 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ - 1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 8\text{¢} \\ + 1\text{¢} \\ \hline \end{array}$$

$$1\text{¢} + 5\text{¢} = \underline{\quad}\text{¢} \quad 1 + 1 + 4 = \underline{\quad}$$

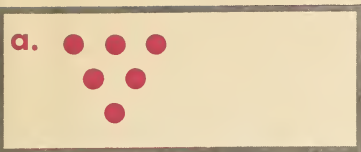
$$10\text{¢} - 1\text{¢} = \underline{\quad}\text{¢} \quad 3 + 2 + 1 = \underline{\quad}$$

9. Bill had 6 cents. He lost 2 cents. How many cents has Bill now?

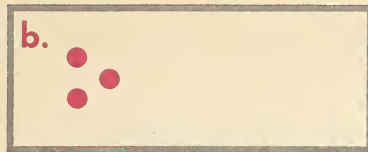
10. Betty has 3 big dolls and 3 little dolls. How many dolls has Betty in all?

Working with Put-Together Stories

1. In each box, draw more to make 7 in all.
Then finish the two put-together stories.



$$6 + \underline{\quad} = \underline{\quad}$$



$$3 + \underline{\quad} = \underline{\quad}$$



$$5 + \underline{\quad} = \underline{\quad}$$

2. Finish each put-together story. Then write the other put-together story.

a. $3 + 2 = \underline{\quad}$ b. $5 + 1 = \underline{\quad}$ c. $4 + 3 = \underline{\quad}$ d. $2 + 1 = \underline{\quad}$

e. $1 + 6 = \underline{\quad}$ f. $2 + 4 = \underline{\quad}$ g. $1 + 4 = \underline{\quad}$ h. $2 + 5 = \underline{\quad}$

3. Write the answers. Pairs of stories may help you.

$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

• Write the answers. Look for + and -

$\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 6\text{¢} \\ - 3\text{¢} \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 2\text{¢} \\ + 4\text{¢} \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

Working with Take-Away Stories

1. For each box, write the two take-away stories.



Take away red dots.

$$\begin{array}{r} 7 \\ - \end{array} - \underline{\quad} = \underline{\quad}$$

Take away blue dots.

$$\begin{array}{r} 7 \\ - \end{array} - \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

2. Finish each take-away story. Then write the other take-away story.

a. $7 - 2 = \underline{\quad}$

b. $7 - 6 = \underline{\quad}$

c. $7 - 4 = \underline{\quad}$

$$\underline{\quad}$$

$$\underline{\quad}$$

$$\underline{\quad}$$

3. Write the answers. Pairs of stories may help you.

$\begin{array}{r} 6 \\ - 3 \end{array}$	$\begin{array}{r} 6 \\ - 2 \end{array}$	$\begin{array}{r} 7 \\ - 1 \end{array}$	$\begin{array}{r} 7 \\ - 3 \end{array}$	$\begin{array}{r} 6 \\ - 4 \end{array}$	$\begin{array}{r} 7 \\ - 5 \end{array}$	$\begin{array}{r} 7 \\ - 4 \end{array}$	$\begin{array}{r} 7 \\ - 6 \end{array}$	$\begin{array}{r} 7 \\ - 2 \end{array}$
---	---	---	---	---	---	---	---	---

Put Together or Take Away?

1. Listen to the problem your teacher reads. Think. Look at + and -. Then draw a ring.

a. + - b. + -

c. + - d. + -

2. Listen to the problem. Think. Then write your work in the box.











a.

b.

c.

d.

1.

1	2	3	4	5	6	7	8	9	10
									

a. Find boxes that have all dots in pairs. What are the numbers?

2 4 _____

These are even numbers.



b. Now find boxes that do not have all dots in pairs.

1 3 _____

These are odd numbers.

2. a. Put O in boxes below that show odd numbers.

b. Put E in boxes that show even numbers.

									
11	12	13	14	15	16	17	18	19	20

3. What are the even numbers to 20?

2 4 6 _____

4. What are the odd numbers to 19?

1 3 5 _____

5. What is the next even number?

8 _____ 14 _____ 16 _____

6. What even numbers are missing?

4 6 _____ 12 _____ 18

_____ 20 _____ 18 _____ 14

7. What is the next odd number?

3 _____ 17 _____ 13 _____

8. What odd numbers are missing?

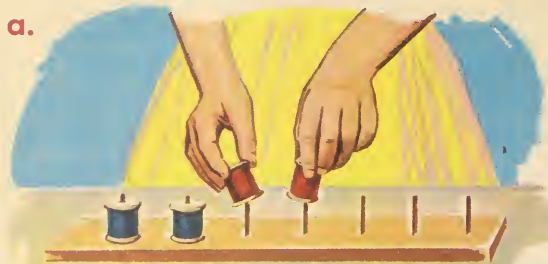
15 17 _____ 11 _____ 5

_____ 13 _____ 7 _____ 15

Two More

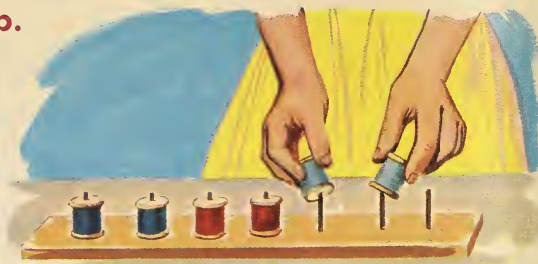
1. Finish each put-together story. There are 2 more each time.

a.



$$2 + 2 = \underline{\quad}$$

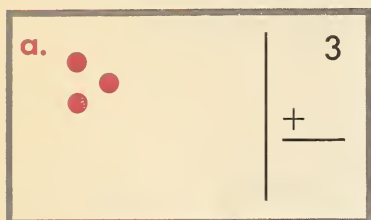
b.



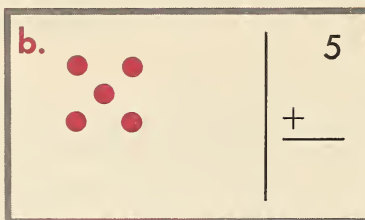
$$4 + \underline{\quad} = \underline{\quad}$$

2. In each picture below, draw 2 more. Then finish the story.

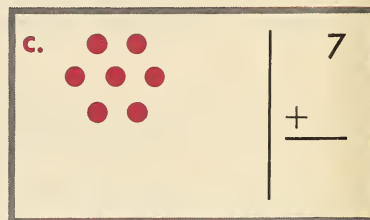
a.



b.



c.



Is your answer 2 more each time? Yes No

3. Finish the stories. The answer is 2 more each time. For help, look at the boxes below.

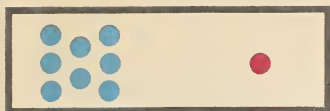
a.	2	b.	6	c.	7	d.	3	e.	5	f.	8	g.	4	h.	1
$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$		$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$		$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$		$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$		$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$		$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$		$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$		$\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$	

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

Write the answers.

1. $2 + 3 = \underline{\quad}$	$1 + 4 = \underline{\quad}$	$7 + 1 = \underline{\quad}$	5. $\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 2\text{¢} \\ + 4\text{¢} \\ \hline \end{array}$
2. $2 + 2 = \underline{\quad}$	$3 + 2 = \underline{\quad}$	$8 + 1 = \underline{\quad}$			
3. $4 + 3 = \underline{\quad}$	$4 + 1 = \underline{\quad}$	$6 + 1 = \underline{\quad}$	6. $\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 1\text{¢} \\ + 6\text{¢} \\ \hline \end{array}$
4. $1 + 5 = \underline{\quad}$	$5 + 2 = \underline{\quad}$	$9 + 1 = \underline{\quad}$			

Using One More and Two More



1. Write the put-together stories about the dots.

$$\underline{\quad} + \underline{\quad} = \underline{\quad} \quad \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Finish the put-together story. Then write the other put-together story.

a. $5 + 1 = \underline{\quad}$

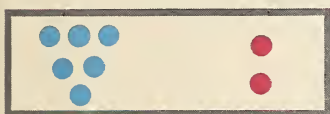
b. $6 + 1 = \underline{\quad}$

c. $9 + 1 = \underline{\quad}$

$1 + \underline{\quad} = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$



3. Write the put-together stories about these dots.

$$\underline{\quad} + \underline{\quad} = \underline{\quad} \quad \underline{\quad} + \underline{\quad} = \underline{\quad}$$

4. Try these. Finish the story. Then write the other put-together story.

a. $3 + 2 = \underline{\quad}$

b. $5 + 2 = \underline{\quad}$

c. $6 + 2 = \underline{\quad}$

d. $7 + 2 = \underline{\quad}$

e. $1 + 2 = \underline{\quad}$

f. $4 + 2 = \underline{\quad}$

g. $8 + 2 = \underline{\quad}$

5. Now try these. Write the answers.

$$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8\text{¢} \\ + 1\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 1\text{¢} \\ + 8\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8\text{¢} \\ + 2\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 2\text{¢} \\ + 8\text{¢} \\ \hline \end{array}$$

Two Less

1. Finish each take-away story. There are two less each time.

a.



$$6 - 2 = \underline{\quad}$$

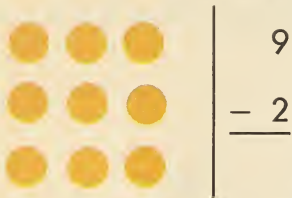
b.



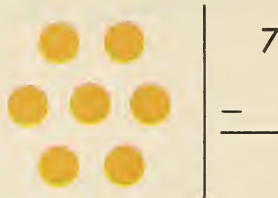
$$4 - \underline{\quad} = \underline{\quad}$$

2. In each picture, take away 2. Then finish the story.

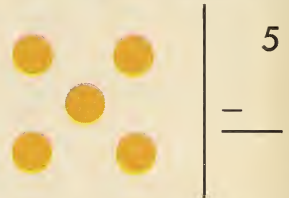
a.



b.



c.



Is your answer 2 less each time? Yes No

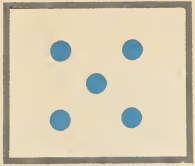
3. Finish the stories. The answer is 2 less each time. For help, look at the boxes below.

- | | | | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| a. 7 | b. 10 | c. 4 | d. 6 | e. 9 | f. 5 | g. 8 | h. 3 |
| $\underline{-2}$ | $\underline{-2}$ | $\underline{-2}$ | $\underline{-2}$ | $\underline{-2}$ | $\underline{-2}$ | $\underline{-2}$ | $\underline{-2}$ |

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

● Write the answers.

- | | | | |
|--------------------------------|-----------------------------|-----------------------------|--|
| 1. $6 - 2 = \underline{\quad}$ | $7 - 4 = \underline{\quad}$ | $7 - 1 = \underline{\quad}$ | $9\text{¢} - 1\text{¢} = \underline{\quad}\text{¢}$ |
| 2. $7 - 3 = \underline{\quad}$ | $7 - 6 = \underline{\quad}$ | $7 - 5 = \underline{\quad}$ | $10\text{¢} - 1\text{¢} = \underline{\quad}\text{¢}$ |
| 3. $7 - 2 = \underline{\quad}$ | $5 - 4 = \underline{\quad}$ | $6 - 3 = \underline{\quad}$ | $8\text{¢} - 1\text{¢} = \underline{\quad}\text{¢}$ |



1. Finish the take-away stories about the dots.

Cover 1. $5 - 1 = \underline{\quad}$

Cover 4. $5 - \underline{\quad} = \underline{\quad}$

2. Finish the take-away story. Then write the other take-away story.

a. $6 - 1 = \underline{\quad}$

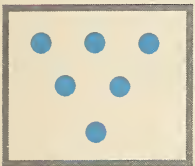
b. $8 - 1 = \underline{\quad}$

c. $10 - 1 = \underline{\quad}$

$6 - \underline{\quad} = \underline{\quad}$

$8 - \underline{\quad} = \underline{\quad}$

$10 - \underline{\quad} = \underline{\quad}$



3. Finish the take-away stories about these dots.

Cover 2. $6 - 2 = \underline{\quad}$

Cover 4. $6 - \underline{\quad} = \underline{\quad}$

4. Try these. Finish the story. Then write the other take-away story.

a. $4 - 2 = \underline{\quad}$

b. $3 - 2 = \underline{\quad}$

c. $5 - 2 = \underline{\quad}$

d. $8 - 2 = \underline{\quad}$

e. $7 - 2 = \underline{\quad}$

f. $10 - 2 = \underline{\quad}$

g. $9 - 2 = \underline{\quad}$

5. Now try these. Write the answers.

$$\begin{array}{r} 10 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7\text{¢} \\ - 1\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 7\text{¢} \\ - 6\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10\text{¢} \\ - 2\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 10\text{¢} \\ - 8\text{¢} \\ \hline \end{array}$$

Can You Write These?



1. Box A has ____ dots in all.

The parts are ____ and ____.

Write the whole story.

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

2. Box B has ____ dots in all.

The parts are ____ and ____.

Write the whole story.

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

3. Finish the whole stories.

a. $3 + 2 = \underline{\quad}$ b. $6 + 1 = \underline{\quad}$

<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>

c.

2			
+ 5			
<hr/>			

● Write answers for these. Look for + and -.

1.	4	3	7	7	2	1	7	7	7¢
	+ 1	+ 4	- 1	- 3	+ 5	+ 6	- 2	- 6	- 5¢
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

2.	6	7	6	5	3	6	3	4	2¢
	- 5	- 4	- 2	+ 1	+ 3	- 4	1	1	2¢
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
							+ 2	+ 2	+ 3¢

3. $2 + 3 + 1 = \underline{\quad}$ $2 + 4 + 1 = \underline{\quad}$ $2¢ + 2¢ + 2¢ = \underline{\quad}¢$



Write your work on the lines.

1. Ann has 1 big bear and 3 little bears. How many bears has she?

2. There are 7 toy horses on the shelf. Ann wants to take down 2 of them. How many toy horses will be left on the shelf?

3. Ann took the bears around a chair 3 times one way and 3 times the other way. How many times did Ann go around the chair?

Listen to some more problems. Think. Write your work on the lines.

4. _____

5. _____

Do You Remember?

Write the answers. Look for + and -.

1.	6	5	7	2	4	6	7	5	1¢
	- 3	+ 1	- 1	+ 4	+ 3	- 1	- 2	- 3	+ 6¢

2.	5	5	3	6	7	3	5	3	6¢
	- 2	- 4	+ 4	- 2	- 5	+ 3	+ 2	- 2	- 4¢

3.	1	6	4	7	6	7	3	7	2¢
	+ 5	+ 1	+ 2	- 3	- 5	- 6	+ 2	- 4	+ 5¢

Do You Know?

1. One part of 7 is 5. The other part is ____.

2. Write the whole story about 6 and its parts 3 and 3.

3. Write the whole story about 7 and its parts 6 and 1.

4. Finish the work in each row.

a. $50 = \underline{\hspace{1cm}}$ tens and $\underline{\hspace{1cm}}$ ones

b. $80 = \underline{\hspace{1cm}}$ tens and $\underline{\hspace{1cm}}$ ones

c. $67 = \underline{\hspace{1cm}}$ tens and $\underline{\hspace{1cm}}$ ones

d. 3 tens and 5 ones = $\underline{\hspace{2cm}}$

e. 9 tens and 0 ones = $\underline{\hspace{2cm}}$

5. What are the missing even numbers?

8 10 12 $\underline{\hspace{1cm}}$ $\underline{\hspace{1cm}}$ $\underline{\hspace{1cm}}$ 20

40 (forty)

6. What are the missing odd numbers?

1 3 5 $\underline{\hspace{1cm}}$ $\underline{\hspace{1cm}}$ $\underline{\hspace{1cm}}$ 13

7. Show the time.

a. 7 o'clock

b. half past 8



8. Write answers for each row.

$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 7\text{¢} \\ - 3\text{¢} \\ \hline \end{array}$
---	---	---	---	---

$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 8\text{¢} \\ - 1\text{¢} \\ \hline \end{array}$
---	---	--	---	---

$\begin{array}{r} 2 \\ 1 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ 2 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ 3 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ 1 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 2\text{¢} \\ 1\text{¢} \\ + 4\text{¢} \\ \hline \end{array}$
--	--	--	--	--

9. Tom caught 2 big fish and 4 little fish. Tom caught how many fish in all?

10. Ellen had 5¢. She spent 3¢ for crayons. How much money did Ellen have left?



1. ___ boys in all

___ boys have bows. ___ boy has no bow.

8 = 7 and ___ 8 = 1 and ___

2. ___ boys in all

___ boys are standing. ___ boys are not standing.

8 = ___ and ___ 8 = ___ and ___

3. ___ boys in all

___ boys have Indian hats. ___ boys have no hats.

8 = ___ and ___ 8 = ___ and ___

4. ___ boys in all

___ boys are in back of trees. ___ boys are not in back of trees.

8 = ___ and ___

More about Parts of 8

A



1. ____ dolls in all

Sue has cut out ____ dolls. Mary has cut out ____ dolls.

$$8 = \underline{5} \text{ and } \underline{\quad\quad} \quad 8 = \underline{\quad\quad} \text{ and } \underline{\quad\quad}$$

B



2. ____ dolls in all

____ are girl dolls. ____ are boy dolls.

$$8 = \underline{\quad\quad} \text{ and } \underline{\quad\quad} \quad 8 = \underline{\quad\quad} \text{ and } \underline{\quad\quad}$$

C



3. ____ in all

____ little hearts. ____ big heart.

$$8 = \underline{\quad\quad} \text{ and } \underline{\quad\quad} \quad 8 = \underline{\quad\quad} \text{ and } \underline{\quad\quad}$$

D



4. ____ in all. ____ red. ____ blue.

$$8 = \underline{\quad\quad} \text{ and } \underline{\quad\quad}$$

5. The pictures show parts of 8. What picture shows 4 and 4? D

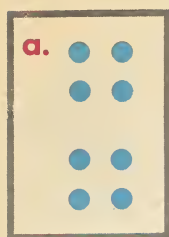
3 and 5? ____

1 and 7? ____

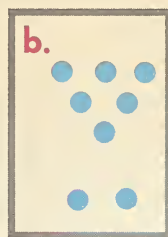
2 and 6? ____

Can You Write about These Parts of 8?

1. Write about the parts of 8 for each dot picture.

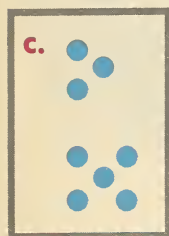


8 = ____ and ____



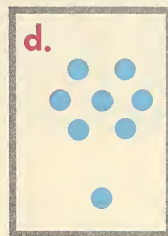
____ = ____ and ____

____ = ____ and ____



____ = ____ and ____

____ = ____ and ____



____ = ____ and ____

____ = ____ and ____

2. Finish writing about these parts of 8.

a. 8 = 7 and 1 8 = 1 and 7

b. 8 = ____ and ____ 8 = ____ and ____

c. 8 = ____ and ____ 8 = ____ and ____

d. 8 = ____ and ____

e. 8 = ____ and ____ 8 = ____ and ____

f. 8 = ____ and ____ 8 = ____ and ____

g. 8 = ____ and ____ 8 = ____ and ____

3. a. One part of 8 is 6. The other part is ____.

b. One part of 8 is 3. The other part is ____.

c. One part of 8 is 1. The other part is ____.

d. One part of 8 is 4. The other part is ____.



1. ____ cows in all. ____ are red cows. ____ is a black cow.

a. Finish the two put-together stories. $7 + \underline{\quad} = \underline{\quad}$ $1 + \underline{\quad} = \underline{\quad}$

b. Finish the two take-away stories. $8 - 1 = \underline{\quad}$ $8 - \underline{\quad} = \underline{\quad}$

c. This is the whole story about 8 and its parts ____ and ____.

2. ____ bags in all. ____ bag is open. ____ bags are not open.

What is the whole story? $1 + \underline{\quad} = \underline{\quad}$ _____

$8 - \underline{\quad} = \underline{\quad}$ _____

3. a. The dots show

b. Finish the whole story.

$8 = 1$ and ____.

1

$+$ _____

$+$ _____

$-$ _____

$-$ _____

4. Write the whole story about 8 and its parts 7 and 1.



1. ____ pigs in all. ____ are little pigs. ____ are big pigs.

a. Finish the two put-together stories. $6 + \underline{\quad} = \underline{\quad}$ _____

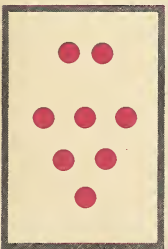
b. Finish the two take-away stories. $8 - \underline{\quad} = \underline{\quad}$ _____

c. This is the whole story about 8 and its parts ____ and ____.

2. ____ pigs in all. ____ are eating. ____ are not eating.

What is the whole story? $2 + \underline{\quad} = \underline{\quad}$ _____

$8 - \underline{\quad} = \underline{\quad}$ _____



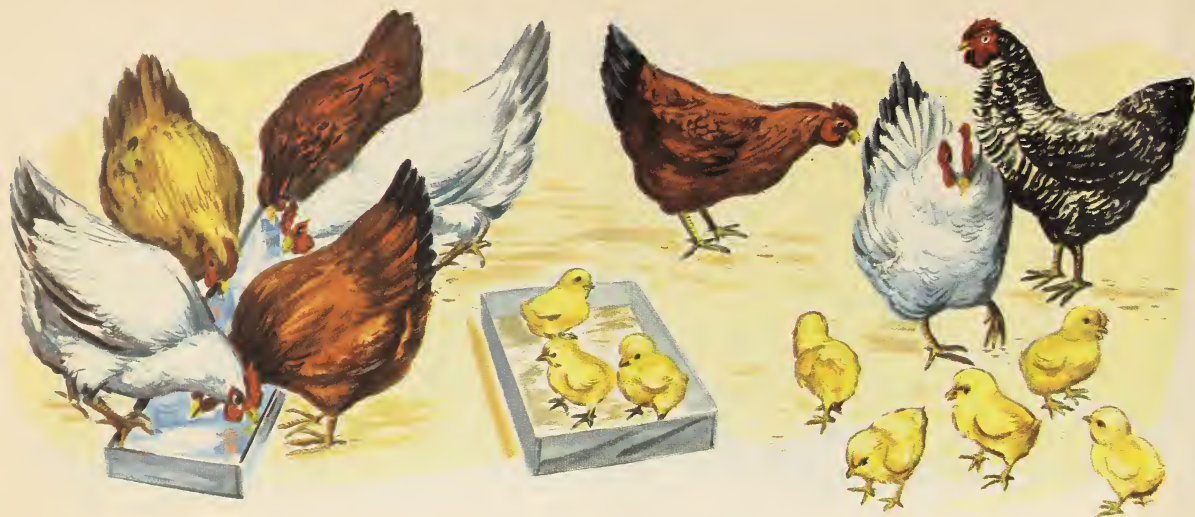
3. a. The dots show b. Finish the whole story.

$8 = 2$ and ____.

2

$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$

4. Write the whole story about 8 and its parts 6 and 2.



1. ____ hens in all. ____ hens are drinking. ____ are not drinking.

a. Finish the two put-together stories. $5 + \underline{\quad} = \underline{\quad}$ _____

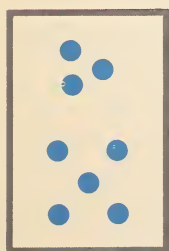
b. Finish the two take-away stories. $8 - \underline{\quad} = \underline{\quad}$ _____

c. This is the whole story about 8 and its parts ____ and ____.

2. ____ chicks in all. ____ are in a box. ____ are not in a box.

What is the whole story? $3 + \underline{\quad} = \underline{\quad}$ _____

$8 - \underline{\quad} = \underline{\quad}$ _____



3. a. The dots show

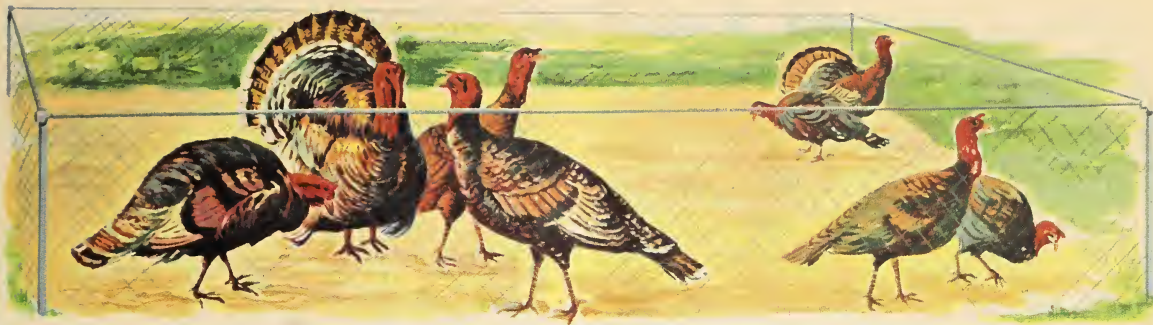
$8 = 3$ and ____.

b. Finish the whole story.

3

$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$

4. Write the whole story about 8 and its parts 5 and 3.



1. ____ turkeys in all. ____ turkeys are big. ____ are little.

a. One put-together story is $4 + \underline{\quad} = \underline{\quad}$.

Is there another put-together story? Yes No

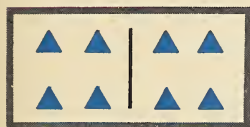
b. One take-away story is $8 - \underline{\quad} = \underline{\quad}$.

Is there another take-away story? Yes No

c. This is the whole story about 8 and its parts ____ and ____.

2. a. $8 = 4$ and ____

b. Finish the whole story.



4	8
$+$	$-$
<u> </u>	<u> </u>

3. Write the whole story about 8 and its parts 4 and 4.

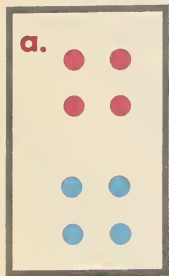
● Write the answers. Look for $+$ and $-$.

1.	5	4	7	4	1	7	2	7	8¢
	$+$ 1	$+$ 3	$-$ 1	$+$ 2	$+$ 6	$-$ 2	$+$ 5	$-$ 3	$+$ 1¢
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

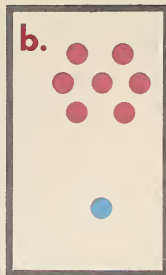
2.	6	7	5	7	3	7	10	9	7¢
	$+$ 1	$-$ 4	$+$ 2	$-$ 5	$+$ 4	$-$ 6	$-$ 2	$-$ 1	$+$ 2¢
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

More about Whole Stories

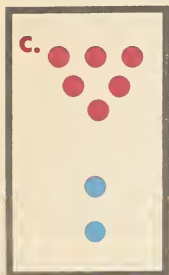
1. For each box, write about the parts.
Then write the whole story.



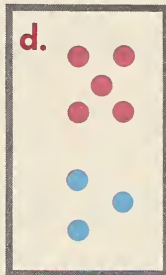
$$\underline{8} = \underline{4} \text{ and } \underline{4}$$



$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$



$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$



$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$

2. Finish each whole story.

a.

$$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$$

b.

$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$$

c.

$$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$$

Try These!

1. $3 + 4 = \underline{\quad}$,

2. $4 + 2 = \underline{\quad}$,

3. $2 + 5 = \underline{\quad}$,

so $\underline{\quad} - 3 = \underline{\quad}$

so $\underline{\quad} - 2 = \underline{\quad}$

so $\underline{\quad} - 2 = \underline{\quad}$

and $\underline{\quad} - 4 = \underline{\quad}$

and $\underline{\quad} - 4 = \underline{\quad}$

and $\underline{\quad} - 5 = \underline{\quad}$

Write your work in the boxes.

1. There are 3 boys and 4 girls getting on the bus to go home. How many children are getting on the bus?

2. One girl is on the school bus and 4 girls are getting on. That is how many girls all together?

3. Just 7 places at windows are empty. The girls will take 4 of them. How many empty window places will be left then?

4. Fred has 6¢ in all. He is going to give Jack 3¢ for a toy car. Then how much will Fred have?



Write the answers. Look for + and -.

5.	$\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 7¢ \\ - 6¢ \\ \hline \end{array}$
----	---	---	---	---	---	---	---	---

6.	$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 6¢ \\ - 4¢ \\ \hline \end{array}$
----	---	---	---	---	---	---	---	---

7.	$\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ 2 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ 4 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ 2 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 2¢ \\ 1¢ \\ + 4¢ \\ \hline \end{array}$
----	---	---	---	---	--	--	--	---

1.



2.



The apple is in ____ pieces. The pieces are the same size. The apple is cut in halves. Each piece is one half.

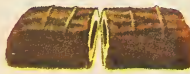
The cake is in ____ pieces. The pieces are not the same size. The cake is not cut in halves. Each piece is not one half.

3. Draw a ring around each thing showing halves.

a.



b.



c.



d.



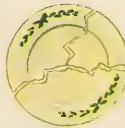
e.



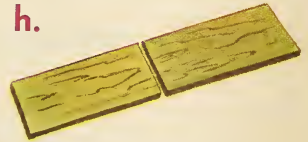
f.



g.



h.



4. Some of these show halves. Put X on each half.

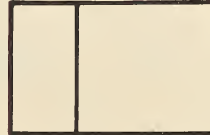
a.



b.



c.



d.



e.



f.



g.



h.



Making Halves

Draw lines to show halves. Halves of the same thing are equal. Make the two pieces equal.

1.



2.



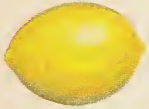
3.



4.



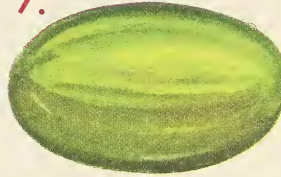
5.



6.



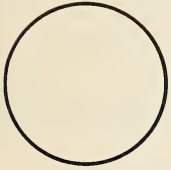
7.



8.



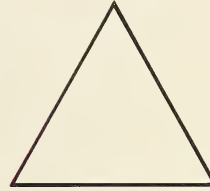
9.



10.



11.



12.



Write the answers. Look for + and -.

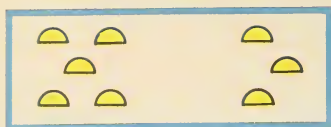
1.	$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 1\text{¢} \\ + 6\text{¢} \\ \hline \end{array}$
----	---	---	---	---	---	---	---	---

2.	$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 3\text{¢} \\ + 2\text{¢} \\ \hline \end{array}$
----	---	---	---	---	---	---	---	---

3.	$\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ 2 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ 1 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 3\text{¢} \\ 2\text{¢} \\ + 2\text{¢} \\ \hline \end{array}$
----	---	---	---	---	---	--	--	--

4. $2 + 2 + 3 = \underline{\quad}$ $1 + 3 + 2 = \underline{\quad}$ $4\text{¢} + 1\text{¢} + 2\text{¢} = \underline{\quad}\text{¢}$

1. Write the whole story.



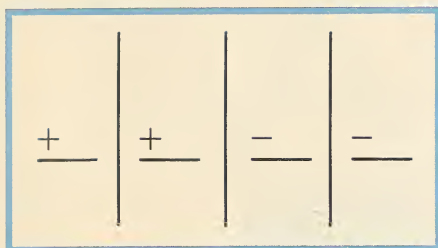
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

2. Write the whole story.



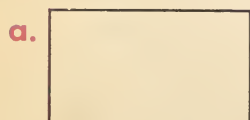
3. Finish each whole story.

$$\begin{array}{r|l} 4 & \\ + 4 & \\ \hline & \end{array}$$

$$\begin{array}{r|l} 3 & \\ + 3 & \\ \hline & \end{array}$$

4. 5 nickels = $\underline{\quad}$ ¢

5. Draw lines to show halves.



6. What is the other part?

a. One part of 8 is 4.

The other part is $\underline{\quad}$.

b. One part of 8 is 7.

The other part is $\underline{\quad}$.

7. Write the time. 8. Show the time.



half past 7



half past $\underline{\quad}$

9. What odd numbers are missing?

3 5 7 $\underline{\quad}$ $\underline{\quad}$ $\underline{\quad}$ 15

10. Write the answers.

$$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ - 5 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ - 2 \\ \hline \end{array} \quad \begin{array}{r} 3\text{¢} \\ + 3\text{¢} \\ \hline \end{array}$$

11. George had 7 games. He gave 3 of them to Billy. How many games did George have left?

$\underline{\hspace{2cm}}$

12. Mother gave 5¢ to Ned and 2¢ to Ellen. How much money did she give them in all?

$\underline{\hspace{2cm}}$

Counting by 5's, by 2's, and by 10's

1.



Jack has 5 nickels. How much money has he? Count by 5's.

5¢ 10¢ ____¢ ____¢ ____¢

Jack has ____¢ in all.

2. Count by 5's to 50.

5 _____

3. Count by 5's. Write what is missing.

a. 10 15 ____ ____ d. 15 ____ ____ ____

b. 30 ____ 40 ____ e. ____ 40 45 ____

c. 25 ____ ____ ____ f. ____ ____ 30 ____

4. Now count by 2's.

a. 8 ____ 12 ____ a. 30 40 ____ ____

b. ____ 16 ____ 20 b. ____ 20 ____ 40

c. ____ ____ 14 ____ c. 70 ____ ____ 100

5. Now count by 10's.

● Write the answers. Look for + and -

1. $\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$ $\begin{array}{r} 2\text{¢} \\ + 4\text{¢} \\ \hline \end{array}$

2. $\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ - 6 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ + 1 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ + 3 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ $\begin{array}{r} 2\text{¢} \\ 1\text{¢} \\ + 1\text{¢} \\ \hline \end{array}$

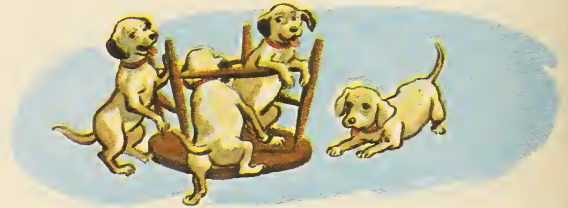
Finding How Many Are Gone



5 girls were playing. Some went away. Only ____ girls stayed.

Finish the work to find how many girls are gone.

$$5 \text{ girls} - 3 \text{ girls} = \underline{\hspace{2cm}} \text{ girls} \qquad 5 - 3 = \underline{\hspace{2cm}}$$



6 dogs were playing. Some ran away. Only ____ dogs stayed.

Finish the work to find how many are gone. $6 - 4 = \underline{\hspace{2cm}}$



There were 7 socks in all.

Now there are only ____ socks.

Find how many are gone.

$$\underline{7 - 5 = \hspace{2cm}}$$



There were 5 roses in all.

Now there are only ____ roses.

Find how many are gone.

$$\underline{\hspace{4cm}}$$

More about Finding How Many Are Gone



There were 5 sandwiches.

Now there are only ____ sandwiches.

Find how many are gone.

$$\underline{5 - 3 =}$$



There were 7 cakes.

Now there are only ____ cakes.

Find how many are gone.

$$\underline{7 -}$$



There were 6 in all.

Now there are only ____.

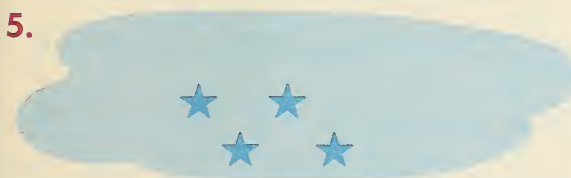
Find how many are gone.



There were 7 in all.

Now there are only ____.

Find how many are gone.



There were 7 in all.

Now there are only ____.

Find how many are gone.



There were 5 in all.

Now there are only ____.

Find how many are gone.

Put Together or Take Away?



1. Listen to the problem your teacher reads. Think.
Draw a ring around + if you put groups together.
Draw a ring around - if you take away part of a group.

a. + - b. + - c. + - d. + - e. + - f. + -

2. Listen to the problem. Think. Then write your work.

Use these boxes for problems a, b, c.

Use these boxes for problems d, e, f.

a.	b.	c.

d.	e.	f.

- Write the answers. Look for + and -.

$$\begin{array}{r}
 1. \quad \begin{array}{r} 7 \\ - 1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ - 4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ - 6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ - 2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 7\text{¢} \\ + 1\text{¢} \\ \hline \end{array}
 \end{array}$$

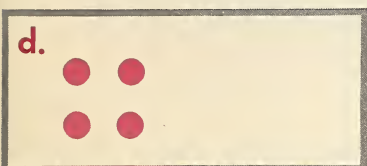
$$\begin{array}{r}
 2. \quad \begin{array}{r} 5 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ - 3 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ - 5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ - 5 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ - 4 \\ \hline \end{array} \quad \begin{array}{r} 8\text{¢} \\ - 2\text{¢} \\ \hline \end{array}
 \end{array}$$

Working with Put-Together Stories

1. In boxes **a**, **b**, and **c**, draw more to make 8 in all. Then write the two put-together stories.



$$\underline{5} + \underline{\quad} = \underline{\quad}$$



2. In box **d**, draw more dots to make 8 in all. Does your dot picture show two put-together stories? Yes No

Write the story. _____

3. Finish each put-together story. Then write the other put-together story.

a. $4 + 3 = \underline{\quad}$ **b.** $2 + 6 = \underline{\quad}$ **c.** $6 + 1 = \underline{\quad}$ **d.** $2 + 4 = \underline{\quad}$

e. $3 + 5 = \underline{\quad}$ **f.** $5 + 1 = \underline{\quad}$ **g.** $1 + 7 = \underline{\quad}$ **h.** $2 + 5 = \underline{\quad}$

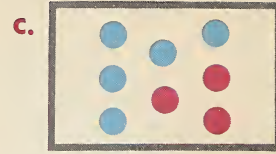
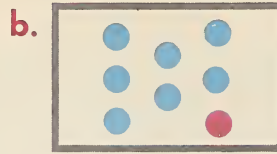
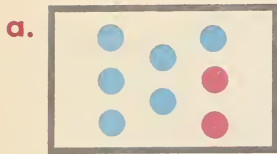
4. Write the answers. Pairs of stories may help you.

$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 4\text{¢} \\ + 2\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 2\text{¢} \\ + 3\text{¢} \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 5\text{¢} \\ + 3\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 3\text{¢} \\ + 4\text{¢} \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

Working with Take-Away Stories

1. For boxes **a**, **b**, and **c**, write the two take-away stories.



$$\begin{array}{r} 8 \\ - \quad \quad \\ \hline \end{array} - \quad = \quad$$

$$\quad - \quad = \quad$$

$$\quad - \quad = \quad$$

$$\begin{array}{r} 8 \\ - \quad \quad \\ \hline \end{array} - \quad = \quad$$

$$\quad - \quad = \quad$$

$$\quad - \quad = \quad$$



2. Does box **d** show a pair of stories? Yes No

Write the take-away story. $\quad - \quad = \quad$

3. Finish each take-away story. Then write the other take-away story.

a. $8 - 7 = \quad$ b. $8 - 6 = \quad$ c. $7 - 4 = \quad$ d. $7 - 2 = \quad$

$$\quad - \quad = \quad$$

$$\quad - \quad = \quad$$

$$\quad - \quad = \quad$$

$$\quad - \quad = \quad$$

e. $5 - 4 = \quad$ f. $6 - 4 = \quad$ g. $8 - 5 = \quad$ h. $7 - 6 = \quad$

$$\quad - \quad = \quad$$

$$\quad - \quad = \quad$$

$$\quad - \quad = \quad$$

$$\quad - \quad = \quad$$

4. Write the answers. Pairs of stories may help you.

$\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 7\text{¢} \\ - 6\text{¢} \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 8\text{¢} \\ - 6\text{¢} \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---



Write your work on the lines.

1. Eight horses were in the ring. Then only 3 were there. How many horses had gone from the ring?

2. Next came 2 clowns on bicycles and 3 clowns not on bicycles. How many clowns were in the group?

3. In one ring 7 monkeys were in a car. Only 2 stayed in the car. How many monkeys jumped out?

4. One clown had 7 sandwiches. He ate 3 of them. Then how many sandwiches did he have?

5. Four men were up on swings. Three men were helping them. How many men were working together?

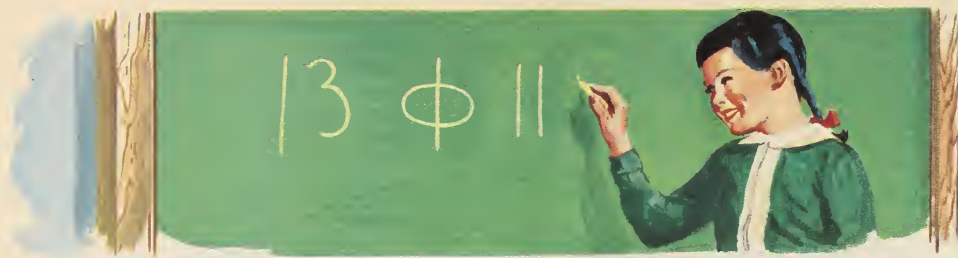
6. Sue counted 5 little horns in the band and 2 big horns. That was how many horns in the band?

Listen to the problem your teacher reads. Then write your work.

7. _____

8. _____

9. _____



1. Finish the work.

- a. $13 = \underline{1} \text{ ten and } \underline{3} \text{ ones}$ $13 = \underline{1} \text{ ten and } \underline{3} \text{ more}$
- b. $34 = \underline{\quad} \text{ tens and } \underline{\quad} \text{ ones}$ $34 = \underline{\quad} \text{ tens and } \underline{\quad} \text{ more}$
- c. $96 = \underline{\quad} \text{ tens and } \underline{\quad} \text{ ones}$ $96 = \underline{\quad} \text{ tens and } \underline{\quad} \text{ more}$
- d. $75 = \underline{\quad} \text{ tens and } \underline{\quad} \text{ ones}$ $75 = \underline{\quad} \text{ tens and } \underline{\quad} \text{ more}$
- e. $17 = \underline{1} \text{ ten and } \underline{7} \text{ more}$ $17 = \underline{10} \text{ and } \underline{7} \text{ more}$
- f. $63 = \underline{\quad} \text{ tens and } \underline{\quad} \text{ more}$ $63 = \underline{\quad} \text{ and } \underline{\quad} \text{ more}$
- g. $49 = \underline{\quad} \text{ tens and } \underline{\quad} \text{ more}$ $49 = \underline{\quad} \text{ and } \underline{\quad} \text{ more}$
- h. $82 = \underline{\quad} \text{ tens and } \underline{\quad} \text{ more}$ $82 = \underline{\quad} \text{ and } \underline{\quad} \text{ more}$

2. Write what is missing.

- a. $16 = \underline{10} \text{ and } \underline{6} \text{ more}$ $10 \text{ and } 6 \text{ more} = \underline{10} \text{ and } \underline{6}$
- b. $28 = \underline{\quad} \text{ and } \underline{\quad} \text{ more}$ $20 \text{ and } 8 \text{ more} = \underline{\quad} \text{ and } \underline{\quad}$
- c. $74 = \underline{\quad} \text{ and } \underline{\quad} \text{ more}$ $70 \text{ and } 4 \text{ more} = \underline{\quad} \text{ and } \underline{\quad}$
- d. $37 = \underline{\quad} \text{ and } \underline{\quad} \text{ more}$ $30 \text{ and } 7 \text{ more} = \underline{\quad} \text{ and } \underline{\quad}$

3. Try these.

- a. $10 \text{ and } 5 \text{ more} = \underline{10} + \underline{5}$ c. $20 \text{ and } 3 \text{ more} = \underline{\quad} + \underline{\quad}$
- b. $10 \text{ and } 8 \text{ more} = \underline{\quad} + \underline{\quad}$ d. $60 \text{ and } 2 \text{ more} = \underline{\quad} + \underline{\quad}$

Adding to Tens

1. Sue is buying the lollipops for her party. In all she is buying one group of 10 red lollipops and 7 more.

Find how many lollipops Sue is buying in all.



$$10 \text{ and } 7 \text{ more} = \underline{10} + \underline{7} \quad \underline{10} + \underline{7} = \underline{17}$$

2. Finish the work.

a. $10 \text{ and } 4 \text{ more} = \underline{10} + \underline{4} \quad \underline{10} + \underline{4} = \underline{\quad}$

b. $10 \text{ and } 9 \text{ more} = \underline{\quad} + \underline{\quad} \quad \underline{\quad} + \underline{\quad} = \underline{\quad}$

c. $40 \text{ and } 2 \text{ more} = \underline{\quad} + \underline{\quad} \quad \underline{\quad} + \underline{\quad} = \underline{\quad}$

d. $70 \text{ and } 8 \text{ more} = \underline{\quad} + \underline{\quad} \quad \underline{\quad} + \underline{\quad} = \underline{\quad}$

3. Finish the work.

a. $10 + 6 = \underline{\quad}$ e. $90 + 1 = \underline{\quad}$ i. $80 + 5 = \underline{\quad}$

b. $10 + 1 = \underline{\quad}$ f. $40 + 7 = \underline{\quad}$ j. $50 + 3 = \underline{\quad}$

c. $10 + 8 = \underline{\quad}$ g. $20 + 2 = \underline{\quad}$ k. $60 + 8 = \underline{\quad}$

d. $30 + 5 = \underline{\quad}$ h. $70 + 4 = \underline{\quad}$ l. $10 + 9 = \underline{\quad}$







● Write the answers. Look for + and -

1.	6	3	7	8	6	8	5	1	3¢
	+ 1	+ 5	- 3	- 3	+ 2	- 6	+ 3	4	1¢
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

2.	2	4	8	1	8	8	8	7	10¢
	+ 6	+ 4	- 5	+ 7	- 4	- 2	- 7	+ 2	- 1¢
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Taking Away to Make a Ten

1. In each box draw a line to take away the ones. Then finish the story.

a. ϕ  $13 - \underline{\quad} = \underline{\quad}$	b. ϕ  $17 - \underline{\quad} = \underline{\quad}$	c. ϕ  $15 - \underline{\quad} = \underline{\quad}$
d. ϕ  $19 - \underline{\quad} = \underline{\quad}$	e. ϕ  $14 - \underline{\quad} = \underline{\quad}$	f. ϕ  $16 - \underline{\quad} = \underline{\quad}$

2. Write answers for these.

- a.** $14 - 4 = \underline{\quad}$ **b.** $16 - 6 = \underline{\quad}$ **c.** $18 - 8 = \underline{\quad}$ **d.** $12 - 2 = \underline{\quad}$
e. $11 - 1 = \underline{\quad}$ **f.** $13 - 3 = \underline{\quad}$ **g.** $15 - 5 = \underline{\quad}$ **h.** $19 - 9 = \underline{\quad}$

3. Now try these. Look for + and -.

- a.** $18 - 8 = \underline{\quad}$ **b.** $10 + 7 = \underline{\quad}$ **c.** $16 - 6 = \underline{\quad}$ **d.** $10 + 9 = \underline{\quad}$
e. $10 + 5 = \underline{\quad}$ **f.** $13 - 3 = \underline{\quad}$ **g.** $19 - 9 = \underline{\quad}$ **h.** $10 + 4 = \underline{\quad}$

● Write the answers. Look for + and -.

- 1.** $\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ - 6 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$
- 2.** $\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$
- 3.** $\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$

Taking Away to Make Tens

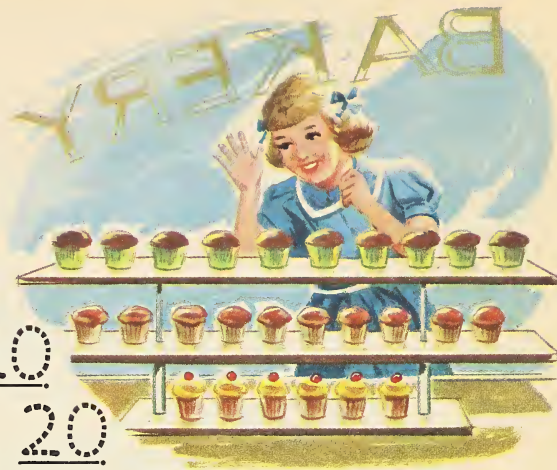
1. There are 26 cupcakes in the bakery window. Ann wants to buy 6 of them. Find how many cupcakes will be left in the bakery window.

Work with the Φ -picture. Take away 6 ones.

$\Phi \Phi \text{||||}$

Then there are $\Phi \Phi$, or 2 tens, or 20.

The take-away story is $26 - 6 = \underline{20}$.



2. Take away the ones. Then write the take-away story.

a. $\Phi \Phi \Phi \text{||||}$

37 - 7 =

b. $\Phi \Phi \Phi \Phi \Phi \Phi \text{||}$

62 - =

c. $\Phi \Phi \text{|||||||}$

 - =

d. $\Phi \Phi \Phi \Phi \text{||||}$

 - =

e. $\Phi \Phi \Phi \Phi \Phi \text{||}$

 - =

f. $\Phi \Phi \Phi \Phi \Phi \Phi \Phi$

 - =

3. Write the answers.

a. $66 - 6 = \underline{\quad}$ b. $97 - 7 = \underline{\quad}$ c. $18 - 8 = \underline{\quad}$ d. $55 - 5 = \underline{\quad}$

Do You Remember?

Write your answers. Look for + and -.

1. $\begin{array}{r} 5 \\ + 2 \end{array}$ $\begin{array}{r} 8 \\ - 5 \end{array}$ $\begin{array}{r} 2 \\ + 6 \end{array}$ $\begin{array}{r} 3 \\ + 2 \end{array}$ $\begin{array}{r} 3 \\ + 5 \end{array}$ $\begin{array}{r} 7 \\ - 5 \end{array}$ $\begin{array}{r} 8 \\ - 1 \end{array}$ $\begin{array}{r} 8\text{¢} \\ - 4\text{¢} \end{array}$ $\begin{array}{r} 7\text{¢} \\ + 1\text{¢} \end{array}$

2. $\begin{array}{r} 1 \\ + 7 \end{array}$ $\begin{array}{r} 6 \\ + 2 \end{array}$ $\begin{array}{r} 8 \\ - 3 \end{array}$ $\begin{array}{r} 5 \\ + 3 \end{array}$ $\begin{array}{r} 8 \\ - 6 \end{array}$ $\begin{array}{r} 7 \\ - 4 \end{array}$ $\begin{array}{r} 4 \\ + 4 \end{array}$ $\begin{array}{r} 8\text{¢} \\ - 7\text{¢} \end{array}$ $\begin{array}{r} 8\text{¢} \\ - 2\text{¢} \end{array}$

Do You Know?

1. One part of 8 is 6.

The other part is ____.

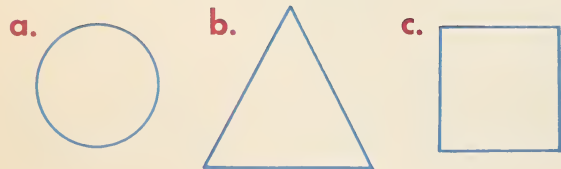
2. Write the whole story about 8 and its parts 4 and 4.

There are ____ stories.

3. Write the whole story about 8 and its parts 5 and 3.

There are ____ stories.

4. Draw lines to show halves.



5. Count by 5's.

a. 5 10 15 ____ ____ ____ 35

b. 25 30 ____ ____ ____ ____

64 (sixty-four)

6. Finish these.

$$46 = 40 \text{ and } \underline{\hspace{1cm}} \text{ more}$$

$$72 = \underline{\hspace{1cm}} \text{ and } \underline{\hspace{1cm}} \text{ more}$$

$$39 = \underline{\hspace{1cm}} \text{ and } \underline{\hspace{1cm}} \text{ more}$$

7. Write the answers.

5	4	8	10	9¢
<u>+ 3</u>	<u>+ 4</u>	<u>- 2</u>	<u>- 2</u>	<u>- 1¢</u>

3	4	1	2	3¢
1	2	5	3	2¢
<u>+ 3</u>	<u>+ 2</u>	<u>+ 1</u>	<u>+ 1</u>	<u>+ 3¢</u>

8. Write the answers.

$$10 + 7 = \underline{\hspace{1cm}} \qquad 18 - 8 = \underline{\hspace{1cm}}$$

$$60 + 4 = \underline{\hspace{1cm}} \qquad 35 - 5 = \underline{\hspace{1cm}}$$

$$40 + 9 = \underline{\hspace{1cm}} \qquad 72 - 2 = \underline{\hspace{1cm}}$$

9. Jack saw 4 cowboys on horses. Then he saw 3 more. How many cowboys did Jack see in all?

10. Betty had 7 buttons on her coat. Some were lost. Then only 4 buttons were on her coat. How many of the buttons were lost?

A



1. ___ houses in all. ___ houses are red. ___ houses are yellow.

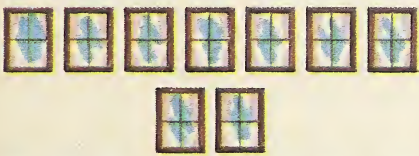
9 = 5 and ___ 9 = ___ and ___

2. ___ houses in all

___ houses have no TV rods. ___ houses have TV rods.

9 = ___ and ___ 9 = ___ and ___

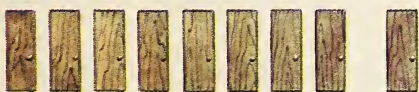
B



3. Write about the parts of 9 in B.

9 = ___ and ___ 9 = ___ and ___


C



4. Write about the parts of 9 in C.

9 = ___ and ___ 9 = ___ and ___

5. The pictures show parts of 9. What picture shows

4 and 5?  8 and 1? ___ 6 and 3? ___ 1 and 8? ___

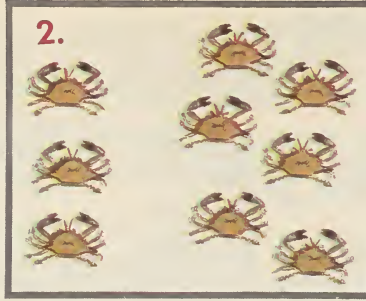
7 and 2? ___ 5 and 4? ___ 2 and 7? ___ 3 and 6? ___

More about Parts of 9

Write about the parts of 9 for each picture.



9 = ____ and ____
9 = ____ and ____



____ = ____ and ____
 ____ = ____ and ____



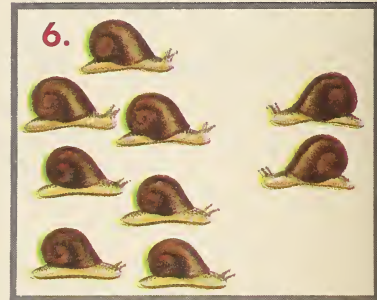
____ = ____ and ____
 ____ = ____ and ____



____ = ____ and ____
 ____ = ____ and ____



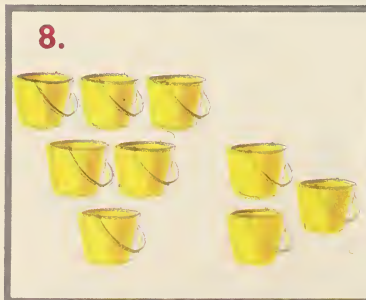
____ = ____ and ____
 ____ = ____ and ____



____ = ____ and ____
 ____ = ____ and ____



____ = ____ and ____
 ____ = ____ and ____



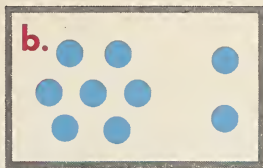
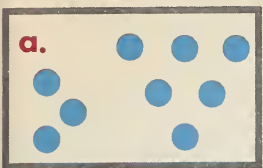
____ = ____ and ____
 ____ = ____ and ____



____ = ____ and ____
 ____ = ____ and ____

Can You Write about These Parts of 9?

1. Write about these parts of 9 in two ways.



9 = ____ and ____ 9 = ____ and ____ 9 = ____ and ____ 9 = ____ and ____

9 = ____ and ____ 9 = ____ and ____ 9 = ____ and ____ 9 = ____ and ____

2. Finish writing about these parts of 9.



9 = 8 and 1

9 = 1 and 8



9 = ____ and ____

9 = ____ and ____



9 = ____ and ____

9 = ____ and ____



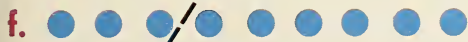
9 = ____ and ____

9 = ____ and ____



9 = ____ and ____

9 = ____ and ____



9 = ____ and ____

9 = ____ and ____



9 = ____ and ____

9 = ____ and ____



9 = ____ and ____

9 = ____ and ____

3. What is the other part?

a. One part of 9 is 4.

The other part is ____.

c. One part of 9 is 6.

The other part is ____.

b. One part of 9 is 2.

The other part is ____.

d. One part of 9 is 8.

The other part is ____.



1. ____ rocks in all. ____ rocks are together. ____ rock is alone.

a. Finish the two put-together stories. $8 + \underline{\quad} = \underline{\quad}$

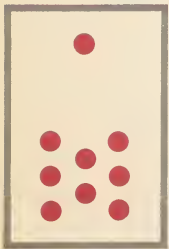
b. Finish the two take-away stories. $9 - \underline{\quad} = \underline{\quad}$

c. This is the whole story about 9 and its parts ____ and ____.

2. ____ boats in all. ____ has no sail. ____ have sails.

What is the whole story? $1 + \underline{\quad} = \underline{\quad}$

$9 - \underline{\quad} = \underline{\quad}$



3. a. The dots show

b. Finish the whole story.

$9 = 1$ and ____.

1

$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$

4. Write the whole story about 9 and its parts 8 and 1.



1. ____ children in all. ____ are girls. ____ are boys.

a. Finish the two put-together stories. $7 + \underline{\quad} = \underline{\quad}$ _____

b. Finish the two take-away stories. $9 - \underline{\quad} = \underline{\quad}$ _____

c. This is the whole story about 9 and its parts ____ and ____.

2. ____ children in all. ____ with hats. ____ with no hats.

What is the whole story? $2 + \underline{\quad} = \underline{\quad}$ _____

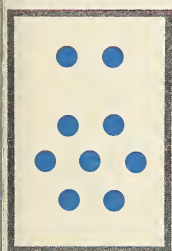
$9 - \underline{\quad} = \underline{\quad}$ _____

3. a. The dots show b. Finish the whole story.

$9 = 2$ and ____.

2

$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$



4. Write the whole story about 9 and its parts 7 and 2.



1. ____ sand houses in all. ____ are little. ____ are big.

a. Finish the two put-together stories. $6 + \underline{\quad} = \underline{\quad}$ _____

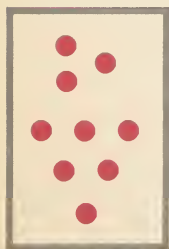
b. Finish the two take-away stories. $9 - \underline{\quad} = \underline{\quad}$ _____

c. This is the whole story about 9 and its parts ____ and ____.

2. ____ sand houses in all. ____ with flags. ____ with no flags.

What is the whole story? $3 + \underline{\quad} = \underline{\quad}$ _____

$9 - \underline{\quad} = \underline{\quad}$ _____



3. a. The dots show

$9 = 3$ and ____.

b. Finish the whole story.

3

$+$ _____

$+$ _____

$-$ _____

$-$ _____

4. Write the whole story about 9 and its parts 6 and 3.



1. ____ shells in all. ____ shells are white. ____ shells are not white.

a. Finish the two put-together stories. $5 + \underline{\quad} = \underline{\quad}$ _____

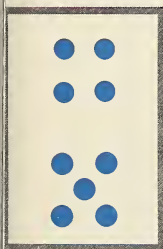
b. Finish the two take-away stories. $9 - \underline{\quad} = \underline{\quad}$ _____

c. This is the whole story about 9 and its parts ____ and ____.

2. ____ shells in all. Mary has ____ shells. Jack has ____ shells.

What is the whole story? $4 + \underline{\quad} = \underline{\quad}$ _____

$9 - \underline{\quad} = \underline{\quad}$ _____



3. a. The dots show

$9 = 4$ and ____.

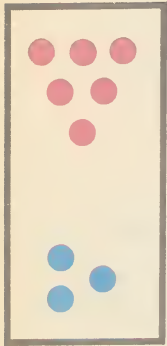
b. Finish the whole story.

4

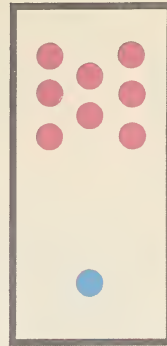
$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$

4. Write the whole story about 9 and its parts 5 and 4.

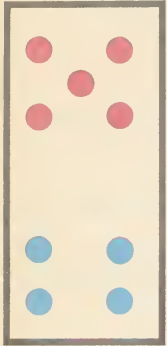
1. For each box, write about the parts. Then write the whole story.



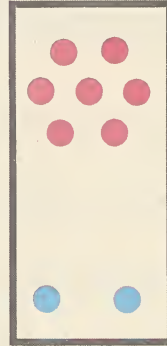
a. $\overset{9}{\cancel{7}} = \overset{6}{\cancel{6}}$ and $\overset{3}{\cancel{3}}$



c. $\underline{\quad} = \underline{\quad}$ and $\underline{\quad}$



b. $\underline{\quad} = \underline{\quad}$ and $\underline{\quad}$



d. $\underline{\quad} = \underline{\quad}$ and $\underline{\quad}$

2. Finish each whole story.

a.

$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

b.

$$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$$

c.

$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$$

● Write the answers. Look for + and -.

1.	6	4	8	8	7	8	5	2	4
	$\underline{+ 2}$	$\underline{+ 3}$	$\underline{- 7}$	$\underline{- 2}$	$\underline{- 2}$	$\underline{- 4}$	$\underline{+ 3}$	$\underline{+ 5}$	$\underline{+ 1}$

2.	8	4	1	8	8	2	8
	$\underline{- 1}$	$\underline{+ 4}$	$\underline{+ 7}$	$\underline{- 5}$	$\underline{- 6}$	$\underline{+ 6}$	$\underline{- 3}$

Counting by 3's



1. Each clover has ____ leaves. Count all the leaves by 3's.

3 ____ 9 ____ 15 18 21 ____

In all, there are ____ leaves.

2. Four clovers have how many leaves? Count by 3's.

3 ____ ____ ____ Four clovers have ____ leaves.

3. How many leaves in all are there on

a. 6 clovers? ____ b. 3 clovers? ____ c. 5 clovers? ____

4. Count by 3's. Write what is missing.

a. 12 ____ b. 18 ____ c. 24 ____ d. 27 ____

e. ____ 6 f. ____ 24 g. ____ 18 h. ____ 9

● Write the answers. Look for + and -.

1. $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$ $\begin{array}{r} 7\text{¢} \\ + 1\text{¢} \\ \hline \end{array}$

2. $\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$ $\begin{array}{r} 8\text{¢} \\ - 7\text{¢} \\ \hline \end{array}$

3. $4 + 1 + 2 = \underline{\quad}$ $3 + 1 + 3 = \underline{\quad}$

4. $1 + 2 + 3 = \underline{\quad}$ $1 + 4 + 3 = \underline{\quad}$

5. $\begin{array}{r} 3 \\ 2 \\ + 2 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ 6 \\ + 1 \\ \hline \end{array}$ $\begin{array}{r} 3\text{¢} \\ 3\text{¢} \\ + 2\text{¢} \\ \hline \end{array}$

One Fourth

1.



How many pieces? ____

Are the pieces equal? Yes No

Each piece is one fourth.

All fourths of the cake are equal.

2.



How many pieces? ____

Are the pieces equal? Yes No

Is each piece one fourth? Yes No

3.

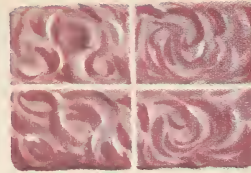


How many pieces? ____

Are the pieces equal? Yes No

Is each piece one fourth? Yes No

4.

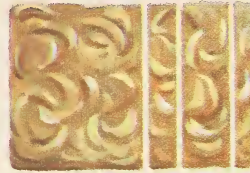


How many pieces? ____

Are the pieces equal? Yes No

Is each piece one fourth? Yes No

5.



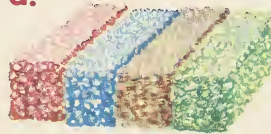
How many pieces? ____

Are the pieces equal? Yes No

Is each piece one fourth? Yes No

6. Put X on each fourth.

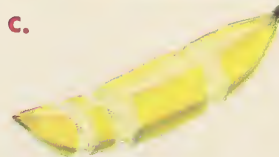
a.



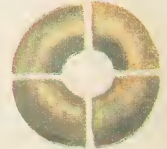
b.



c.

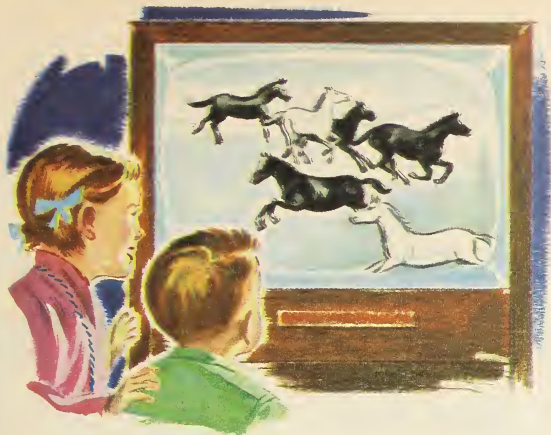


d.



7. Draw rings only around things that show halves.





Write your work in the boxes.

1. In one picture, there were 4 black horses and 2 white horses. Find how many horses there were in all.

2. Some of the 4 black horses ran away. One black horse was left. How many black horses ran away?

3. At one time, Nan saw 4 horses, 3 cows, and 1 dog. How many animals did Nan see in all?

4. In an animal picture, there were 8 dogs. Two of them ran away. How many dogs were left then?

5. In an Indian picture there were 3 girls and 5 boys. How many Indian children in all were in that picture?

6. Tom saw some of the 8 children go into a tepee. Then 2 children were left. How many of the children went into the tepee?

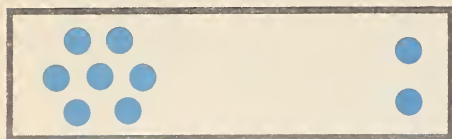
Write the answers. Look for + and -.

7.	8	7	7	8	8	3	9	8	3¢
	- 1	- 3	- 6	- 4	- 7	+ 5	- 1	+ 2	4¢
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	+ 1¢

8.	2	7	8	7	8	4	10	9
	+ 6	+ 1	- 5	- 4	- 2	+ 4	- 2	+ 1
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

9.	8	7	5	6	3	4	8	1	4¢
	- 6	- 5	+ 3	+ 2	+ 4	+ 2	- 3	+ 7	2¢
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	+ 2¢

1. Write the whole story.



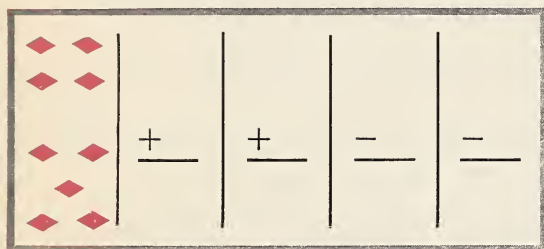
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

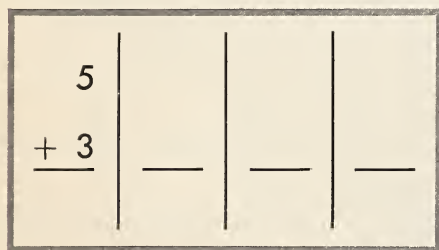
$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

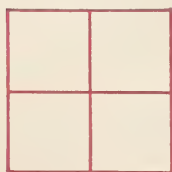
2. Write the whole story.



3. Finish the whole story.



4. Put X on each fourth.



5. One part of 9 is 6.

The other part is ____.

6. Count and finish.

a. 20 25 30 ____ 50

b. 12 15 18 ____ 30

7. Finish these.

a. $58 = 50$ and ____

b. $23 =$ ____ and ____

Write the answers.

8. $40 + 6 =$ ____ 9. $80 + 1 =$ ____

10. $63 - 3 =$ ____ 11. $94 - 4 =$ ____

12.
$$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ - 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ - 4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 9\text{¢} \\ + 1\text{¢} \\ \hline \end{array}$$

13. Nan saw 8 apples on a tree. After a big wind, only 6 were left. How many apples came down in the wind?

14. Ken picked 3 pears and Lois picked 4. How many pears did Ken and Lois pick in all?

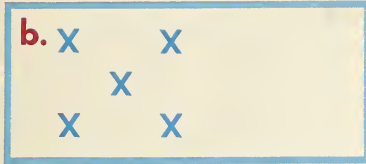
Working with Put-Together Stories

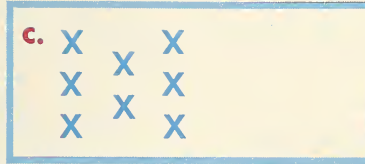
1. In each box, draw more to make 9 in all.
Then finish the two put-together stories.

a. 

$$6 + \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}}$$

b. 

c. 

d. 

2. Finish each put-together story. Then write
the other put-together story.

a. $1 + 8 = \underline{\hspace{2cm}}$

b. $3 + 6 = \underline{\hspace{2cm}}$

c. $5 + 3 = \underline{\hspace{2cm}}$

d. $4 + 5 = \underline{\hspace{2cm}}$

e. $2 + 7 = \underline{\hspace{2cm}}$

f. $4 + 3 = \underline{\hspace{2cm}}$

3. Write the answers. Pairs of stories may help you.

$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 2\text{¢} \\ 4\text{¢} \\ + 3\text{¢} \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$
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Using Put-Together Doubles

Put-together doubles $1 + 1 = 2$ $2 + 2 = 4$ $3 + 3 = 6$ $4 + 4 = 8$

1. Do you know all these put-together doubles? Yes No

2. Doubles help with other put-together stories.

a. $1 + 1 = 2$, b. $2 + 2 = 4$, c. $3 + 3 = 6$, d. $4 + 4 = 8$,
so $1 + 2 = \underline{\quad}$ so $2 + 3 = \underline{\quad}$ so $3 + 4 = \underline{\quad}$ so $4 + 5 = \underline{\quad}$

3. Doubles help here, too.

a. $1 + 1 = \underline{\quad}$, b. $2 + 2 = \underline{\quad}$, c. $3 + 3 = \underline{\quad}$, d. $4 + 4 = \underline{\quad}$,
so $2 + 1 = \underline{\quad}$ so $3 + 2 = \underline{\quad}$ so $4 + 3 = \underline{\quad}$ so $5 + 4 = \underline{\quad}$

4. Write the double that helps.
Then finish the put-together story.

a. $\underline{\hspace{2cm}}$	b. $\underline{\hspace{2cm}}$	c. $\underline{\hspace{2cm}}$
$2 + 3 = \underline{\quad}$	$4 + 5 = \underline{\quad}$	$4 + 3 = \underline{\quad}$
d. $\underline{\hspace{2cm}}$	e. $\underline{\hspace{2cm}}$	f. $\underline{\hspace{2cm}}$
$3 + 2 = \underline{\quad}$	$1 + 2 = \underline{\quad}$	$5 + 4 = \underline{\quad}$

Try These!

1. $2 + 2 = 4$, so $2 + 1 = \underline{\quad}$	2. $3 + 3 = 6$, so $3 + 2 = \underline{\quad}$	3. $4 + 4 = 8$, so $4 + 3 = \underline{\quad}$
4. $2 + 2 = 4$, so $1 + 2 = \underline{\quad}$	5. $3 + 3 = 6$, so $2 + 3 = \underline{\quad}$	6. $4 + 4 = 8$, so $3 + 4 = \underline{\quad}$

What Is Adding?

1.



Find how many bees in all.

$$3 \text{ bees} + 2 \text{ bees} = \underline{\quad} \text{ bees}$$

Working a put-together story. is adding.

2.



Find how many cats in all.

$$4 + 3 = \underline{\quad}$$

Did you work a put-together story?

Yes No

Were you adding?

Yes No

We add to find the answer to a put-together story.

3. Finish only the adding stories.

a. $4 + 2 = \underline{\quad}$

c. $8 - 4 = \underline{\quad}$

e.
$$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$

g.
$$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$$

b. $7 - 1 = \underline{\quad}$

d. $2 + 5 = \underline{\quad}$

4. Write the answers. The doubles help you.

a. $2 + 2 = \underline{\quad}$,

b. $4 + 4 = \underline{\quad}$,

c. $3 + 3 = \underline{\quad}$,

so $2 + 3 = \underline{\quad}$

so $4 + 5 = \underline{\quad}$

so $3 + 4 = \underline{\quad}$

and $3 + 2 = \underline{\quad}$

and $5 + 4 = \underline{\quad}$

and $4 + 3 = \underline{\quad}$

5. Doubles help you here, too. Write the answers.

a. $2 + 2 = 4$,

b. $3 + 3 = 6$,

c. $4 + 4 = 8$,

so $2 + 1 = \underline{\quad}$

so $3 + 2 = \underline{\quad}$

so $4 + 3 = \underline{\quad}$

and $1 + 2 = \underline{\quad}$

and $2 + 3 = \underline{\quad}$

and $3 + 4 = \underline{\quad}$

Try These!

1. Draw a ring around the heaviest in **a**, **b**, **c**, and **d**

a. doll

b. bear

c. cent

d. cup

tepee

bug

plate

truck

horse

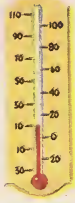
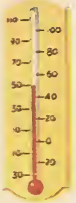
fish

cow

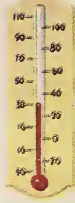
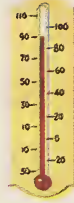
cat

2. Draw lines to match things in **a** and then in **b**.

a.



b.



3. Draw a ring around the tallest one in **a** and then in **b**.

a. bicycle

b. dog

chair

man

Mother

squirrel

4. Draw a ring around the big one in **a** and then in **b**.

a. rabbit

b. dress

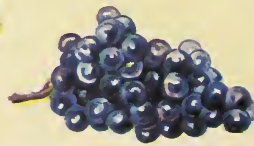
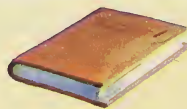
house

bubble

nickel

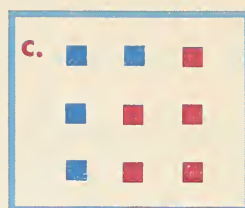
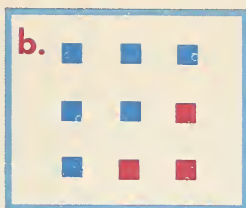
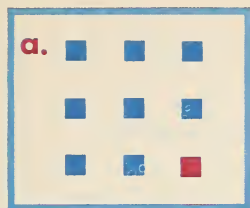
cup

5. Some of these weigh about 1 pound. Draw rings around things that weigh about 1 pound.

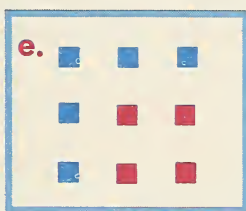
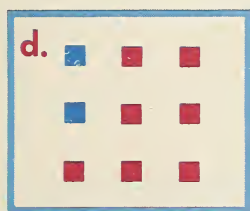


Working with Take-Away Stories

1. For each box, write the two take-away stories.



9 -



2. Finish each take-away story. Then write the other take-away story.

a. $9 - 8 = \underline{\quad}$ b. $9 - 3 = \underline{\quad}$ c. $9 - 4 = \underline{\quad}$ d. $8 - 5 = \underline{\quad}$

3. Write the answers. Pairs of stories may help you.

$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

Using Take-Away Doubles

Take-away doubles $2 - 1 = 1$ $4 - 2 = 2$ $6 - 3 = 3$ $8 - 4 = 4$

1. Do you know all these take-away doubles? Yes No

2. Doubles help with other take-away stories. Finish the work.

a. $4 - 2 = 2$,

b. $6 - 3 = 3$,

c. $8 - 4 = 4$,

so $3 - 2 = \underline{\quad}$

so $5 - 3 = \underline{\quad}$

so $7 - 4 = \underline{\quad}$

3. Write the double that helps.
Then finish the take-away story.

a.

b.

c.

$5 - 3 = \underline{\quad}$

$7 - 4 = \underline{\quad}$

$3 - 2 = \underline{\quad}$

Put Together or Take Away?

1. Listen to the problem your teacher reads.
Think. Then write + or - to show what to do.

a.

b.

c.

d.

2. Listen to the problem. Think. Then write
your work on the line.

a.

b.

● Write the answers. Look for + and -.

1.	$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$
----	---	---	---	---	---	---	---	---	---

2.	$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$
----	---	---	---	---	---	---	---	---	---

What Is Subtracting?

1. There are 5 snowballs on a rock. If Dick takes away 2 of them, how many will be left?

To find the answer, did you use a take-away story? Yes No

Working a take-away story is subtracting.

2. How many snowballs in all are 5 snowballs and 2 snowballs?

To find the answer, did you use a take-away story? Yes No

Were you subtracting? Yes No

Were you adding? Yes No

3. Put S on the line for each subtracting problem below.

____ a. Ann has 6 dolls. Sue has 3. How many have they together?

____ b. 7 hens were here. Then 3 ran away. How many hens are left?

____ c. Dick had 2¢. His father gave him 5¢. Now Dick has how much?

____ d. There were 6 apples. Only 3 are left. How many are gone?

We subtract to find the answer to a take-away story.

4. Write answers to finish only the subtracting stories.

a. $2 + 6 = \underline{\quad}$

c. $8 - 6 = \underline{\quad}$

e. $\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$

f. $\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$

g. $\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$

b. $7 - 5 = \underline{\quad}$

d. $9 - 4 = \underline{\quad}$

● Write the answers. Look for + and -.

1. $\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$

2. $\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$

How Many More?

1. There are ____ blocks in row **A**.

There are ____ blocks in row **B**.

There are more in row **A** than in row **B**.
You can match to find how many more.



____ blocks in row **B** match ____ blocks in row **A**.

There are ____ more blocks in row **A** than in row **B**.

Now use the subtracting story. $5 - 3 = \underline{\quad}$

2. Which row has more? ____

Match to find how many more.



There are ____ more in row ____
than in row ____.

Now use the subtracting story.

$$6 - \underline{\quad} = \underline{\quad}$$

3. Which row has more? ____

Match to find how many more.

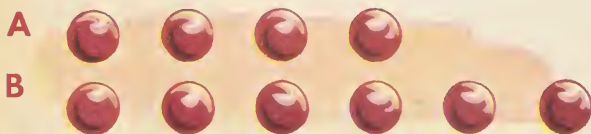


There are ____ more in row ____
than in row ____.

Now use the subtracting story.

$$7 - \underline{\quad} = \underline{\quad}$$

4. Match to find how many more. Then use the subtracting story.



Row **B** has ____ more than row **A**.

$$6 - \underline{\quad} = \underline{\quad}$$

5. To find how many more, can you subtract? Yes No

Finding How Many More

Find how many more. Finish the work.



1. ____ in row A. ____ in row B.

$$5 - 2 = \underline{\quad}$$



2. ____ in row A. ____ in row B.

$$8 - \underline{\quad} = \underline{\quad}$$



3. ____ in row A. ____ in row B.

$$7 - \underline{\quad} = \underline{\quad}$$



4. ____ in row A. ____ in row B.

$$8 - \underline{\quad} = \underline{\quad}$$

Subtract to find how many more.

5. 7 is how many more than 6?

$$7 - \underline{\quad} = \underline{\quad}$$

7 is ____ more than 6.

6. 6 is how many more than 5?

6 is ____ more than 5.

7. 8 is how many more than 3?

8 is ____ more than 3.

8. 6 is how many more than 2?

6 is ____ more than 2.

● Write the answers.

$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 6\text{¢} \\ - 2\text{¢} \\ \hline \end{array}$
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Draw a ring. Then write the work.

1. There are 5 girls, 1 man, and 3 boys skating. Find how many in all are skating.

+ or - _____

2. There are 5 girls and 3 boys. That is how many more girls than boys?

+ or - _____

3. There were 8 children skating. After a time only 5 children were skating. Find how many of the 8 children were not skating.

+ or - _____

4. Ann fell 7 times. Dick fell 3 times. Find how many more times Ann fell down than Dick did.

+ or - _____

Do You Remember?

Write the answers.

1.	4	2	8	9	8	9	5	6	9
	<u>+ 4</u>	<u>+ 7</u>	<u>- 2</u>	<u>- 3</u>	<u>- 4</u>	<u>- 7</u>	<u>+ 4</u>	<u>+ 2</u>	<u>- 1</u>

2.	8	9	8	3	9	4	9	5	1
	<u>+ 1</u>	<u>- 6</u>	<u>- 5</u>	<u>+ 6</u>	<u>- 8</u>	<u>+ 3</u>	<u>- 4</u>	<u>+ 3</u>	<u>+ 8</u>

3.	8	4	2	9	8	6	8	9	7
	<u>- 3</u>	<u>+ 5</u>	<u>+ 6</u>	<u>- 2</u>	<u>- 6</u>	<u>+ 3</u>	<u>- 7</u>	<u>- 5</u>	<u>+ 2</u>

Do You Know?

1. What is the other part?

a. One part of 9 is 6.

The other part is ____.

b. One part of 9 is 2.

The other part is ____.

2. Write the whole story about 9 and its parts 5 and 4.

There are ____ stories.

3. Count by 3's.

3 6 9 ____ ____ ____ 21

4. Draw a ring.

a. Working a put-together story is called adding.

Yes No

b. Working a take-away story is called subtracting.

Yes No

5. Put X on each fourth.



6. Finish these.

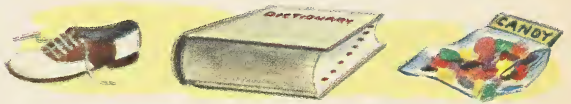
a. $4 + 4 = 8$, so $5 + 4 = \underline{\quad}$

b. $8 - 4 = 4$, so $7 - 4 = \underline{\quad}$

c. $3¢ + 4¢ + 2¢ = \underline{\quad}¢$

d. $5¢ + 3¢ + 1¢ = \underline{\quad}¢$

7. Draw a ring around the heaviest.



8. Write the answers.

7	9	5	1	9¢
+ 2	- 4	+ 3	+ 8	- 6¢
-----	-----	-----	-----	-----

9. Walter spent 9¢. Carl spent 5¢. Walter spent how many cents more than Carl?

10. Betty spent 3¢. Doris spent 6¢. How much money in all was that?

11. David had 8¢ and then he could find only 4¢. How much of David's money was gone?

12. Try these!

a. $4 + \underline{\quad} = 9$ b. $8 - \underline{\quad} = 3$

Checking-Up Time

1. Finish this whole story.

$$6 + 3 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{2cm}}$$

This is the whole story about 9
and its parts $\underline{\hspace{1cm}}$ and $\underline{\hspace{1cm}}$.

2. One part of 9 is 5.

The other part is $\underline{\hspace{1cm}}$.

3. Count by 3's.

9 12 $\underline{\hspace{1cm}}$ $\underline{\hspace{1cm}}$ $\underline{\hspace{1cm}}$

4. Write the answers.

5	9	3	8	10	2
$+$	$-$	$+$	$-$	$-$	$+$
3	2	6	6	1	3
\hline	\hline	\hline	\hline	\hline	\hline
					$+$
					4
					\hline

$$2 + 5 = \underline{\hspace{2cm}} \qquad 8 + 2 = \underline{\hspace{2cm}}$$

5. Finish these.

a. $76 = \underline{\hspace{1cm}}$ tens and $\underline{\hspace{1cm}}$ ones

b. $40 = \underline{\hspace{1cm}}$ tens and $\underline{\hspace{1cm}}$ ones

6. Write your answers.



half past $\underline{\hspace{1cm}}$

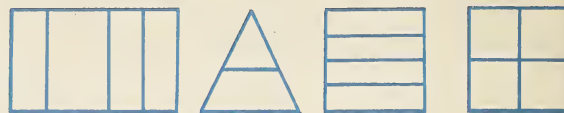
$\underline{\hspace{1cm}}$ ¢

88 (eighty-eight)

7. Draw a ring around each picture that shows halves.



8. Make a big X below each picture that shows fourths.



9. Bill has 8 marbles. Jack has 3 marbles. Find how many more marbles Bill has than Jack.

$\underline{\hspace{4cm}}$

10. Joe had 7 pieces of candy. He gave some to Tom and had 5 pieces left. How many pieces did he give to Tom?

$\underline{\hspace{4cm}}$

11. Sue gave 4 pieces of paper to Tom and 3 pieces of paper to Jack. How many pieces of paper did Sue give away?

$\underline{\hspace{4cm}}$

12. In problem 10, what did you have to do? Draw a ring.

add

subtract

A



1. ____ pins in all. ____ pins are standing. ____ pin is down.

10 = 9 and ____ 10 = ____ and ____

B



2. ____ pins in all

____ are standing. ____ are down.

10 = 8 and ____ 10 = ____ and ____

C



3. ____ pins in all

____ are standing. ____ are down.

10 = 7 and ____ 10 = ____ and ____

D



4. ____ pins in all

10 = 6 and ____ 10 = ____ and ____

E



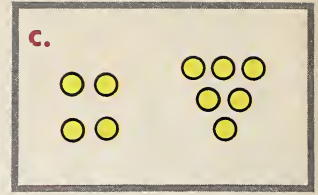
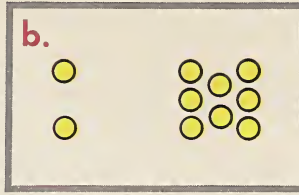
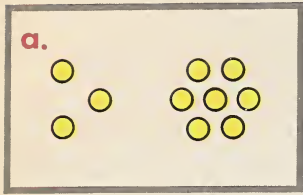
5. ____ pins in all

10 = 5 and ____

6. Pictures **A**, **B**, **C**, **D**, and **E** show parts of 10. Which picture shows 3 and 7? C 4 and 6? ____ 2 and 8? ____ 5 and 5? ____

More about Parts of 10

1. Write about these parts of 10.



10 = ____ and ____

10 = ____ and ____

10 = ____ and ____

10 = ____ and ____

10 = ____ and ____

10 = ____ and ____

2. Finish writing about these parts of 10.

a. 10 = 9 and 1

10 = 1 and 9

b. 10 = ____ and ____

10 = ____ and ____

c. 10 = ____ and ____

10 = ____ and ____

d. 10 = ____ and ____

10 = ____ and ____

e. 10 = ____ and ____

f. 10 = ____ and ____

10 = ____ and ____

g. 10 = ____ and ____

10 = ____ and ____

h. 10 = ____ and ____

10 = ____ and ____

i. 10 = ____ and ____

10 = ____ and ____

3. a. One part of 10 is 4.

The other part is ____.

b. One part of 10 is 2.

The other part is ____.

c. One part of 10 is 7.

The other part is ____.

d. One part of 10 is 9.

The other part is ____.



1. ____ reindeer in all. ____ are near. ____ is not near.

a. Finish the two adding stories. $9 + \underline{\quad} = \underline{\quad}$

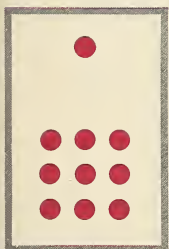
b. Finish the two subtracting stories. $10 - \underline{\quad} = \underline{\quad}$

c. This is the whole story about 10 and its parts ____ and ____.

2. ____ reindeer in all. ____ is eating. ____ are not eating.

What is the whole story? $1 + \underline{\quad} = \underline{\quad}$

$10 - \underline{\quad} = \underline{\quad}$



3. a. The dots show b. Finish the whole story.

$10 = 1$ and ____.

1

$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$

4. Write the whole story about 10 and its parts 9 and 1.

The Whole Story about 10 and Its Parts 8 and 2



1. ____ dogs in all. ____ in the big group. ____ in the little group.

a. Finish the two adding stories. $8 + \underline{\quad} = \underline{\quad}$ _____

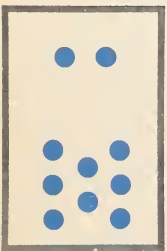
b. Finish the two subtracting stories. $10 - \underline{\quad} = \underline{\quad}$ _____

c. This is the whole story about 10 and its parts ____ and ____.

2. ____ sleds in all. ____ sleds in the little group. ____ in the big group.

What is the whole story? $2 + \underline{\quad} = \underline{\quad}$ _____

$10 - \underline{\quad} = \underline{\quad}$ _____



3. a. The dots show

b. Finish the whole story.

$10 = 2$ and ____.

2

$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$

4. Write the whole story about 10 and its parts 8 and 2.



1. ____ seals in all. ____ seals in the big group. ____ in the little group.

a. Finish the two adding stories. $7 + \underline{\quad} = \underline{\quad}$ _____

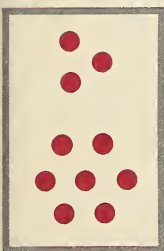
b. Finish the two subtracting stories. $10 - \underline{\quad} = \underline{\quad}$ _____

c. This is the whole story about 10 and its parts ____ and ____.

2. ____ ice blocks in all. ____ are big blocks. ____ are little blocks.

What is the whole story? $3 + \underline{\quad} = \underline{\quad}$ _____

$10 - \underline{\quad} = \underline{\quad}$ _____



3. a. The dots show b. Finish the whole story.

$10 = 3$ and ____.

3

$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$

4. Write the whole story about 10 and its parts 7 and 3.



1. ____ men in all. ____ men are not in boats. ____ are in boats.

a. Finish the two adding stories. $6 + \underline{\quad} = \underline{\quad}$

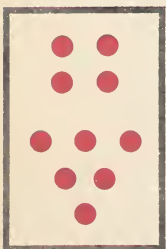
b. Finish the two subtracting stories. $10 - \underline{\quad} = \underline{\quad}$

c. This is the whole story about 10 and its parts ____ and ____.

2. ____ men in all. ____ have no paddles. ____ have paddles.

What is the whole story? $4 + \underline{\quad} = \underline{\quad}$

$10 - \underline{\quad} = \underline{\quad}$



3. a. The dots show

b. Finish the whole story.

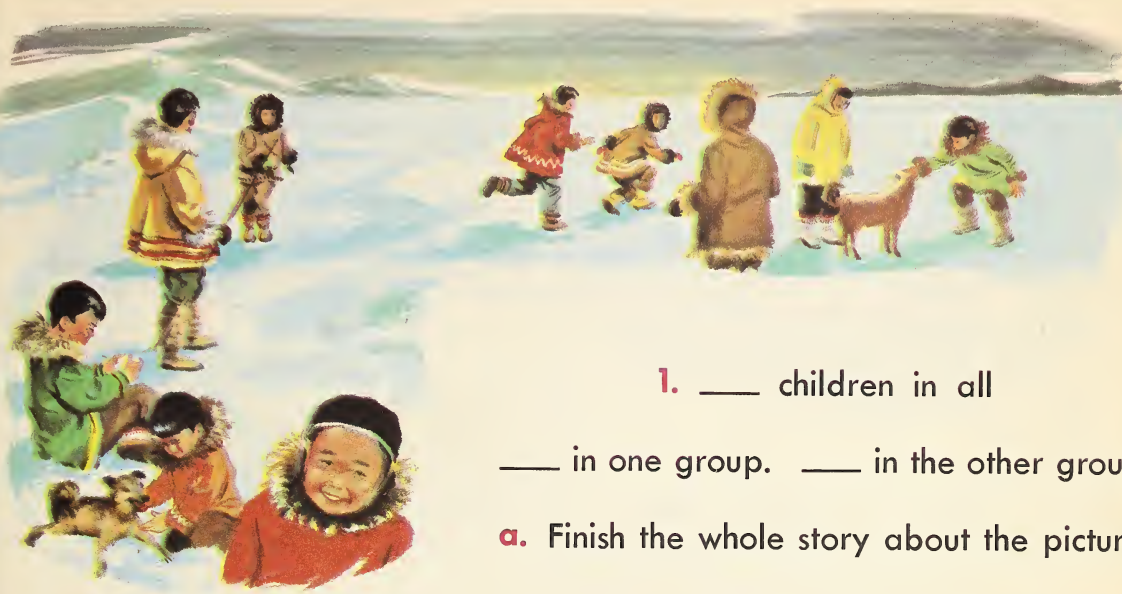
$10 = 4$ and ____.

4

$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$

4. Write the whole story about 10 and its parts 6 and 4.

The Whole Story about 10 and Its Parts 5 and 5



1. ____ children in all

____ in one group. ____ in the other group.

a. Finish the whole story about the picture.

$$5 + \underline{\quad} = \underline{\quad} \quad 10 - \underline{\quad} = \underline{\quad}$$

b. This is the whole story about 10 and its parts ____ and ____.

2. a. $10 = 5$ and ____

b. Finish the whole story.

3. Write the whole story about 10 and its parts 5 and 5.

A number story with no answer is called an example.

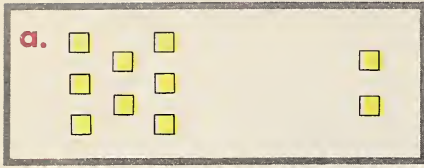
● Write the answers for these examples. Look for + and -.

1.	$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ 2 \\ + 4 \\ \hline \end{array}$
----	---	---	---	---	---	---	---	---	--

2.	$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$
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More about Whole Stories

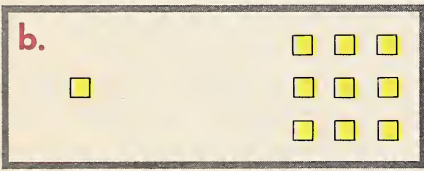
1. For each box, write about the parts. Then finish the whole story.



$$10 = 8 \text{ and } \underline{\hspace{1cm}}$$

8

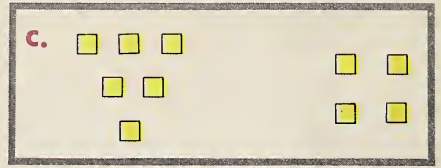
$$\begin{array}{cccc} + & + & - & - \\ \hline & & & \end{array}$$



$$\underline{\hspace{1cm}} = \underline{\hspace{1cm}} \text{ and } \underline{\hspace{1cm}}$$

1

$$\begin{array}{cccc} + & + & - & - \\ \hline & & & \end{array}$$



$$\underline{\hspace{1cm}} = \underline{\hspace{1cm}} \text{ and } \underline{\hspace{1cm}}$$

6

$$\begin{array}{cccc} + & + & - & - \\ \hline & & & \end{array}$$



$$\underline{\hspace{1cm}} = \underline{\hspace{1cm}} \text{ and } \underline{\hspace{1cm}}$$

3

$$\begin{array}{cccc} + & + & - & - \\ \hline & & & \end{array}$$

2. Finish each whole story.

a. 2

$$\begin{array}{cccc} + 8 & + & - & - \\ \hline & & & \end{array}$$

b. 4

$$\begin{array}{cccc} + 6 & + & - & - \\ \hline & & & \end{array}$$

c. 6

$$\begin{array}{cccc} + 3 & + & - & - \\ \hline & & & \end{array}$$

d. 7

$$\begin{array}{cccc} + 3 & + & - & - \\ \hline & & & \end{array}$$



1. Write your work on the lines.

a. Nine girls and 4 boys had a movie party. How many more girls than boys were at the party?

b. Each row at the movies has 9 seats. Five of the girls took seats in an empty row. In that row how many empty seats were left?

c. In another row there were 6 children. Then 2 more came. That made how many children in the row?

d. In another row were 2 boys, then 3 girls, then 3 more boys. How many were in that row?

e. Ann spent 5¢ for an apple and 8¢ for candy. Ann spent how much more for candy than for the apple?

f. Tom spent 5¢ for an orange and 4¢ for some candy. How much were these things together?

2. Listen to the problem your teacher reads. Then draw a ring around A if you must add. Draw a ring around S if you must subtract.

a. A S **b.** A S **c.** A S **d.** A S **e.** A S **f.** A S

3. Listen to the problem. Think. Then write your work on the line.

a. _____ **b.** _____ **c.** _____ **d.** _____

Finding What You Know

1. Write the whole story.



+ —	+ —	— —	— —
--------	--------	--------	--------

2. Write the whole story.



--

3. a. One part of 10 is 2.

The other part is ____.

b. One part of 10 is 4.

The other part is ____.

4. Put H on each half. Put F on each fourth.



5. Count by 3's.

15 _____

6. 1 quarter = ____¢

98 (ninety-eight)

7. a. 4 tens and 5 ones = ____

b. 6 tens and 0 ones = ____

8. Finish these. Use the doubles that help.

a. $4 + 4 = 8$, so $4 + 5 =$ ____

b. $8 - 4 = 4$, so $7 - 4 =$ ____

9. Write the answers for these examples.

$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 2¢ \\ 3¢ \\ + 4¢ \\ \hline \end{array}$
---	---	---	---	---

$\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$
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10. Susan had 8 jacks and Betty had 5 jacks. Susan had how many more jacks than Betty?

I found the answer by

adding. subtracting.

11. Fred had 3 toy cars and Tom had 6 toy cars. How many toy cars did the boys have together?

I found the answer by

adding. subtracting.

Working with Adding Stories

1. In each box, draw more to make 10 in all.
Then write the two adding stories.

a. X X
X X

b. X X X
X X X
X X X

c. X
X X

d. X X X
X X X
X X X

2. Is there an adding story to go with $5 + 5 = 10$? Yes No

3. Finish each adding story. Then write the other adding story.

a. $7 + 3 = \underline{\quad}$ b. $4 + 6 = \underline{\quad}$ c. $2 + 8 = \underline{\quad}$ d. $1 + 9 = \underline{\quad}$

Answers for adding examples are called sums.

4. Write the sums. Pairs of stories may help you.

$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 5\text{¢} \\ + 5\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 3\text{¢} \\ 4\text{¢} \\ + 3\text{¢} \\ \hline \end{array}$
$\begin{array}{r} 1 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8\text{¢} \\ + 2\text{¢} \\ \hline \end{array}$	

Helps for Adding

Use these helps for pairs of adding stories. Write the sums.

1. $2 + 2 = 4,$

so $2 + 3 = \underline{\quad}$

and $3 + 2 = \underline{\quad}$

2. $4 + 4 = 8,$

so $4 + 5 = \underline{\quad}$

and $5 + 4 = \underline{\quad}$

3. $4 + 5 = 9,$

so $4 + 6 = \underline{\quad}$

and $6 + 4 = \underline{\quad}$

4. $3 + 3 = 6,$

so $4 + 3 = \underline{\quad}$

and $3 + 4 = \underline{\quad}$

5. $2 + 6 = 8,$

so $3 + 6 = \underline{\quad}$

and $6 + 3 = \underline{\quad}$

6. $6 + 3 = 9,$

so $7 + 3 = \underline{\quad}$

and $3 + 7 = \underline{\quad}$

7. $3 + 3 = 6,$

so $3 + 2 = \underline{\quad}$

and $2 + 3 = \underline{\quad}$

8. $5 + 3 = 8,$

so $5 + 2 = \underline{\quad}$

and $2 + 5 = \underline{\quad}$

9. $4 + 3 = 7,$

so $4 + 2 = \underline{\quad}$

and $2 + 4 = \underline{\quad}$

10. $4 + 4 = 8,$

so $3 + 4 = \underline{\quad}$

and $4 + 3 = \underline{\quad}$

11. $3 + 4 = 7,$

so $2 + 4 = \underline{\quad}$

and $4 + 2 = \underline{\quad}$

12. $6 + 3 = 9,$

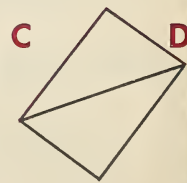
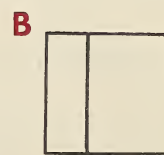
so $5 + 3 = \underline{\quad}$

and $3 + 5 = \underline{\quad}$

One Half and One Fourth

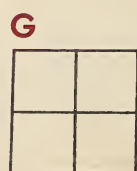
1. We write one half with figures this way $\rightarrow \frac{1}{2}$.

Write $\frac{1}{2}$ on each half shown.



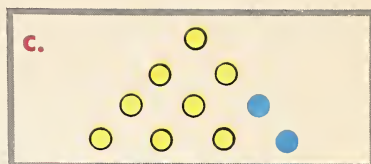
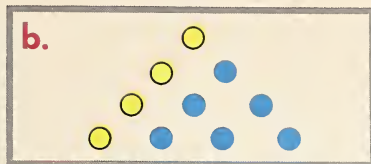
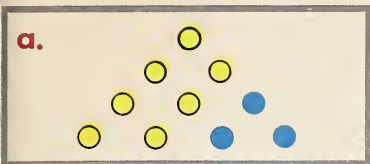
2. We write one fourth with figures this way $\rightarrow \frac{1}{4}$.

Write $\frac{1}{4}$ on each fourth shown.



Working with Subtracting Stories

1. For each box, write the two subtracting stories.



2. Is there a subtracting story to go with $10 - 5 = 5$? Yes No

3. Finish each subtracting story. Then write the other subtracting story.

a. $10 - 2 = \underline{\quad}$ b. $10 - 4 = \underline{\quad}$ c. $8 - 6 = \underline{\quad}$ d. $9 - 4 = \underline{\quad}$

e. $10 - 7 = \underline{\quad}$ f. $9 - 3 = \underline{\quad}$ g. $10 - 1 = \underline{\quad}$ h. $9 - 2 = \underline{\quad}$

Answers for subtracting examples sometimes are called remainders.

4. Write the remainders. Pairs of stories may help you.

$\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$
--	---	--	---	--	---	--	--

Helps for Subtracting

Can you use these helps for subtracting? Write the remainders.

1. $6 - 3 = 3$,

so $5 - 3 = \underline{\quad}$

2. $8 - 4 = 4$,

so $7 - 4 = \underline{\quad}$

3. $10 - 5 = 5$,

so $9 - 5 = \underline{\quad}$

4. $6 - 2 = 4$,

so $5 - 2 = \underline{\quad}$

5. $9 - 3 = 6$,

so $8 - 3 = \underline{\quad}$

6. $10 - 6 = 4$,

so $9 - 6 = \underline{\quad}$

Now try to write the remainders for these.

7. $8 - 4 = 4$,

so $9 - 4 = \underline{5}$

8. $4 - 2 = 2$,

so $5 - 2 = \underline{\quad}$

9. $6 - 3 = 3$,

so $7 - 3 = \underline{\quad}$

10. $7 - 3 = 4$,

so $8 - 3 = \underline{\quad}$

11. $8 - 5 = 3$,

so $9 - 5 = \underline{\quad}$

12. $9 - 2 = 7$,

so $10 - 2 = \underline{\quad}$

Measuring



1. This line shows equal parts called inches.

How many equal parts has the line?

Then how many inches long is the line?

2. Run your finger on the line from A to 1.

That much of the line is 1 inch long.

3. Run your finger on the line from A to 2.

That much of the line is inches long.

4. From A to 5 is inches.

6. From A to 3 is inches.

5. From A to 4 is inches.

7. From A to 6 is inches.

Measuring in Inches



Tom's ruler is like the line showing 6 inches.
The inches are all equal.

Tom measured his toy car with his ruler.
See how he placed his ruler on the car.

1. Count the inches.

Tom's toy car is ____ inches long.

2. With your ruler, measure your long finger. It is about ____ inches long.



3. This picture shows a ruler ____ inches long.

4. With your ruler, measure each line. Then
finish the work to tell how long the line is.

a. _____

2 inches long

b. _____

____ inch long

c. _____

____ inches long

d. _____

____ inches long

5. With your ruler, make a line

a. 2 inches long.

b. 4 inches long.

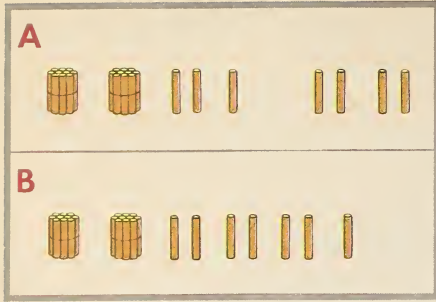
c. 5 inches long.

6. Do not measure for these lines.

a. Draw a line 1 inch long.

b. Draw a line 2 inches long.

Adding Ones to Tens and Ones



1. Ann wants to find the sum for $23 + 4$. Picture **A** shows 23 and 4.

Picture **B** shows that we may find how many in all by putting together all 1's.

All together there are

2 tens and 7 ones, or 27.

In each example, draw the 1's to be added. Find the sum.

2. $43 + 6 = ?$ ϕ ϕ ϕ ϕ || | || || ||

4 tens and 9 ones, or 49

3. $21 + 5 = ?$ ϕ ϕ |

2 tens and ones, or

4. $12 + 4 = ?$ ϕ ||

1 ten and ones, or

5. $34 + 4 = ?$ ϕ ϕ ϕ || ||

3 tens and ones, or

6. $52 + 3 = ?$ ϕ ϕ ϕ ϕ ϕ ||

5 tens and ones, or

7. $65 + 4 = ?$ ϕ ϕ ϕ ϕ ϕ ϕ || || |

6 tens and ones, or

A

$$\begin{array}{r} 2 \text{ tens and } 5 \text{ ones} \\ + \quad \quad \quad 3 \text{ ones} \\ \hline \end{array}$$

___ tens and 8 ones

B

$$\begin{array}{r} 2 \text{ tens and } 5 \text{ ones} \\ + \quad \quad \quad 3 \text{ ones} \\ \hline \end{array}$$

2 tens and 8 ones

1. Tom worked with only tens and ones to find the sum for $25 + 3$.

Box **A** shows that Tom first added ones and wrote 8 in the sum.

Box **B** shows that Tom next wrote the number of tens.

So $25 + 3 = \underline{28}$

In each example, finish the work to find the sum. Work first with ones, then with tens.

2. Find the sum for $34 + 2$.

3 tens and 4 ones

$$\begin{array}{r} + \quad \quad \quad 2 \text{ ones} \\ \hline \end{array}$$

3 tens and 6 ones

So $34 + 2 = \underline{36}$

3. Find the sum for $85 + 4$.

8 tens and 5 ones

$$\begin{array}{r} + \quad \quad \quad 4 \text{ ones} \\ \hline \end{array}$$

___ tens and ___ ones

So $85 + 4 = \underline{\quad}$

4. Find the sum for $71 + 6$.

7 tens and 1 one

$$\begin{array}{r} + \quad \quad \quad \text{ones} \\ \hline \end{array}$$

___ tens and ___ ones

So $71 + 6 = \underline{\quad}$

5. Find the sum for $92 + 6$.

9 tens and 2 ones

$$\begin{array}{r} + \quad \quad \quad \text{ones} \\ \hline \end{array}$$

___ tens and ___ ones

So $92 + 6 = \underline{\quad}$

Writing Your Work a New Way

1. Find the sum for $41 + 7$. The work in the box shows how to add with figures only.

First add ones. Think, $1 + 7 = 8$. Write 8 in one's place in the sum.

Then write 4 in ten's place in the sum.

Tens	Ones
4	1
+	7
<hr/>	
4	8

2. Find the sum for $52 + 5$.

Add ones. Think, $2 + 5 = \underline{\quad}$.

Write 7 in one's place in the sum.

Write in ten's place in the sum.

Tens	Ones
5	2
+	5
<hr/>	
	7

3. Find the sum for $63 + 6$.

Add ones. Think, $\underline{\quad} + \underline{\quad} = \underline{\quad}$.

Write in one's place in the sum.

Write in ten's place in the sum.

Tens	Ones
6	3
+	6
<hr/>	

4. Find the sum with figures only. Add ones. Then write tens.

a.

Tens	Ones
2	1
+	4
<hr/>	

b.

Tens	Ones
6	3
+	4
<hr/>	

c.

Tens	Ones
7	2
+	5
<hr/>	

d.

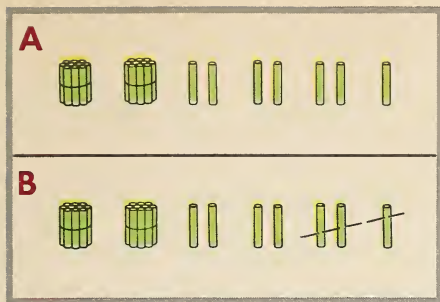
Tens	Ones
9	5
+	4
<hr/>	

● Write the answers for these examples. Look for + and -.

1. 4 5 10 10 9 6 10 3 4
 + 5 + 5 - 4 - 8 + 1 + 4 - 5 + 7 + 6

2. 8 10 2 10 9 7 10 10 10
 + 2 - 7 + 8 - 3 - 7 + 3 - 6 - 9 - 2

Subtracting Ones from Tens and Ones



1. Sam wants to find the remainder for $27 - 3$. Picture **A** shows 27.

Picture **B** shows that we may find how many are left by crossing out 3 of the 1's.

There are left

2 tens and 4 ones, or 24.

In each example, finish the work to find the remainder. First cross out the 1's to be taken away.

2. $38 - 6 = ?$ $\bigcirc \bigcirc \bigcirc \parallel \text{---} \text{---} \text{---}$

How many are left? 3 tens and 2 ones, or 32

3. $47 - 5 = ?$ $\bigcirc \bigcirc \bigcirc \bigcirc \parallel \parallel \parallel \mid$

How many are left? 4 tens and ones, or

4. $54 - 3 = ?$ $\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \parallel \parallel$

How many are left? 5 tens and one, or

5. $69 - 7 = ?$ $\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \parallel \parallel \parallel \parallel \mid$

How many are left? 6 tens and ones, or

6. $85 - 4 = ?$ $\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \parallel \parallel \mid$

How many are left? 8 tens and one, or

7. $27 - 5 = ?$ $\bigcirc \bigcirc \parallel \parallel \parallel \mid$

How many are left? 2 tens and ones, or

More about Subtracting from Tens and Ones

A

$$\begin{array}{r} 3 \text{ tens and } 8 \text{ ones} \\ - \quad \quad 6 \text{ ones} \\ \hline \end{array}$$

___ tens and 2 ones

B

$$\begin{array}{r} 3 \text{ tens and } 8 \text{ ones} \\ - \quad \quad 6 \text{ ones} \\ \hline \end{array}$$

3 tens and 2 ones

1. Sue worked with only tens and ones to find the remainder for $38 - 6$.

Box **A** shows that Sue first subtracted ones and wrote 2 in the remainder.

Box **B** shows that Sue next wrote the number of tens.

So $38 - 6 = \underline{32}$

In each example, finish the work to find the remainder. Work first with ones, then with tens.

2. Find the remainder for $49 - 7$.

$$\begin{array}{r} 4 \text{ tens and } 9 \text{ ones} \\ - \quad \quad 7 \text{ ones} \\ \hline \end{array}$$

4 tens and 2 ones

So $49 - 7 = \underline{42}$

3. Find the remainder for $78 - 2$.

$$\begin{array}{r} 7 \text{ tens and } 8 \text{ ones} \\ - \quad \quad 2 \text{ ones} \\ \hline \end{array}$$

___ tens and ___ ones

So $78 - 2 = \underline{\quad}$

4. Find the remainder for $67 - 5$.

$$\begin{array}{r} 6 \text{ tens and } 7 \text{ ones} \\ - \quad \quad \quad \text{ones} \\ \hline \end{array}$$

___ tens and ___ ones

So $67 - 5 = \underline{\quad}$

5. Find the remainder for $56 - 3$.

$$\begin{array}{r} 5 \text{ tens and } 6 \text{ ones} \\ - \quad \quad \quad \text{ones} \\ \hline \end{array}$$

___ tens and ___ ones

So $56 - 3 = \underline{\quad}$

Writing Your Work a New Way

1. Find the remainder for $75 - 2$. The work in the box shows how to subtract with figures only.

First subtract ones. Think, $5 - 2 = 3$. Write 3 in one's place in the remainder.

Then write 7 in ten's place in the remainder.

Tens	Ones
7	5
-	2
<hr/>	
7	3

2. Find the remainder for $65 - 4$.

Subtract ones. Think, $5 - 4 = \underline{\quad}$.

Write 1 in one's place in the remainder.

Write in ten's place in the remainder.

Tens	Ones
6	5
-	4
<hr/>	
	1

3. Find the remainder for $89 - 4$.

Subtract ones. Think, $\underline{\quad} - \underline{\quad} = \underline{\quad}$.

Write in one's place in the remainder.

Write in ten's place in the remainder.

Tens	Ones
8	9
-	4
<hr/>	

4. Find the remainder. Subtract ones. Then write tens.

a.

Tens	Ones
6	8
-	4
<hr/>	

b.

Tens	Ones
3	7
-	2
<hr/>	

c.

Tens	Ones
8	4
-	3
<hr/>	

d.

Tens	Ones
7	6
-	4
<hr/>	

● Write the answers for these examples. Look for + and -.

1.

10	5	3	9	10	1	6	8	10
- 1	+ 3	+ 7	- 5	- 4	+ 9	+ 4	+ 2	- 5
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

2.

10	2	10	10	10	10	10	7	4
- 7	+ 8	- 9	- 3	- 8	- 6	- 2	+ 3	+ 6
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>



Write your work in the boxes.

1. Mother has washed 10 glasses. Sue has wiped 6 of them. How many glasses are left to wipe?

2. Sue has wiped 4 big cups, 2 little ones, and 3 very little ones. Sue has wiped how many cups in all?

3. There were 9 little plates to wash. Now there are only 3. How many of the little plates has Mother washed?

4. Sue has 9 pans and 7 covers to wipe. There are how many more pans than covers for Sue to wipe?

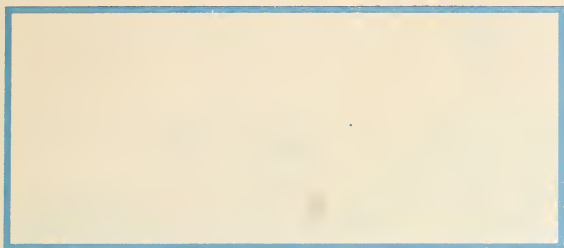
Do You Remember?

Write the answers.

- | | | | | | | | | |
|----|---|--|--|--|--|--|--|--|
| 1. | $\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 8 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$ | $\begin{array}{r} 6\text{¢} \\ + 4\text{¢} \\ \hline \end{array}$ |
| 2. | $\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ + 9 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ - 4 \\ \hline \end{array}$ | $\begin{array}{r} 10\text{¢} \\ - 5\text{¢} \\ \hline \end{array}$ |
| 3. | $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ - 1 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$ | $\begin{array}{r} 9\text{¢} \\ - 3\text{¢} \\ \hline \end{array}$ |
| 4. | $\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ - 9 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 4 \\ + 3 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ 5 \\ + 3 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ 1 \\ + 6 \\ \hline \end{array}$ | $\begin{array}{r} 4\text{¢} \\ 1\text{¢} \\ + 5\text{¢} \\ \hline \end{array}$ |

Do You Know?

1. Write the whole story about 10 and its parts 8 and 2.



2. What is the other part?

a. One part of 10 is 7.

The other part is ____.

b. One part of 10 is 5.

The other part is ____.

3. Write your work.

a. $6 + 3 = 9$, so $6 + 2 =$ ____

b. $8 - 3 = 5$, so $7 - 3 =$ ____

4. a. Write $\frac{1}{2}$ on each half.



b. Write $\frac{1}{4}$ on each fourth.



9. Measure this line with your ruler. How long is it?

_____ inches

5. Write the answers.

$$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ - 5 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 8 \\ \hline \end{array} \quad \begin{array}{r} 3\text{¢} \\ 4\text{¢} \\ + 3\text{¢} \\ \hline \end{array}$$

6. Write the answers.

Tens	Ones
4	2
+	6
<hr/>	

Tens	Ones
8	4
+	3
<hr/>	

Tens	Ones
7	8
-	4
<hr/>	

Tens	Ones
3	9
-	6
<hr/>	

7. Joe had 9 school papers. Some blew away so he had only 4. How many papers blew away?

I had to add. subtract.

8. Betty took some money to the store. She spent 3¢ and had 6¢ left. How much did she have at first?

I had to add. subtract.



1. ____ flower pots in all

____ are little flower pots. ____ are big flower pots.

11 = 9 and ____ 11 = ____ and ____

2. 11 flower pots in all. ____ have plants in them. ____ have no plants.

11 = ____ and ____ 11 = ____ and ____



____ flower pots in all

11 = ____ and ____

11 = ____ and ____



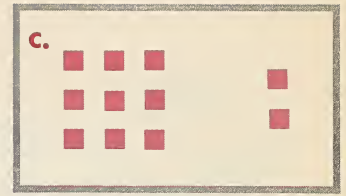
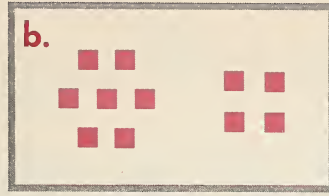
____ flower pots in all

11 = ____ and ____

11 = ____ and ____

More about Parts of 11

1. Write about these parts of 11 in two ways.



11 = ____ and ____

11 = ____ and ____

11 = ____ and ____

11 = ____ and ____

11 = ____ and ____

11 = ____ and ____

2. Finish writing about these parts of 11.

a.	11 = <u>9</u> and <u>2</u>	11 = <u>2</u> and <u>9</u>
b.	11 = ____ and ____	11 = ____ and ____
c.	11 = ____ and ____	11 = ____ and ____
d.	11 = ____ and ____	11 = ____ and ____
e.	11 = ____ and ____	11 = ____ and ____
f.	11 = ____ and ____	11 = ____ and ____
g.	11 = ____ and ____	11 = ____ and ____
h.	11 = ____ and ____	11 = ____ and ____

3. What is the other part?

a. One part of 11 is 5.

The other part is ____.

c. One part of 11 is 4.

The other part is ____.

b. One part of 11 is 9.

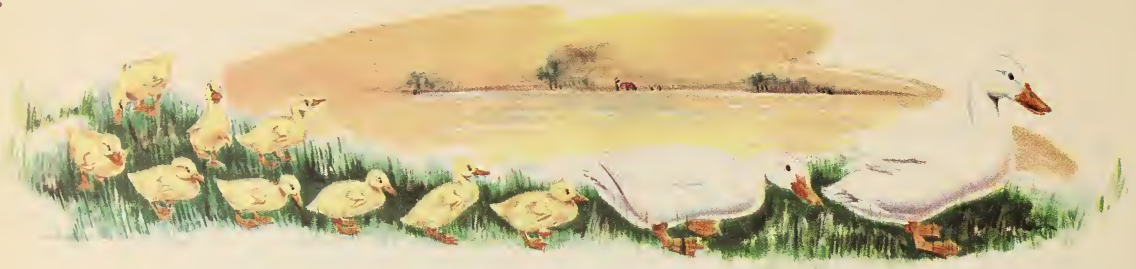
The other part is ____.

d. One part of 11 is 8.

The other part is ____.

The Whole Story about 11 and Its Parts 9 and 2

1.



___ ducks in all. ___ ducks are little. ___ ducks are big.

- a. Finish the two adding stories. $9 + \underline{\quad} = \underline{\quad}$ _____
- b. Finish the two subtracting stories. $11 - \underline{\quad} = \underline{\quad}$ _____
- c. This is the whole story about 11 and its parts ___ and ___.

2.

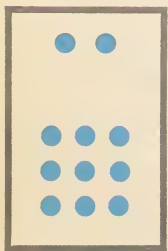


___ chicks in all
___ are black. ___ are yellow.

What is the whole story?

$$2 + \underline{\quad} = \underline{\quad}$$

$$11 - \underline{\quad} = \underline{\quad}$$



3. a. The dots show

$$11 = 2 \text{ and } \underline{\quad}$$

b. Finish the whole story.

2

$$\begin{array}{r} + \\ \hline \end{array} \quad \begin{array}{r} + \\ \hline \end{array} \quad \begin{array}{r} - \\ \hline \end{array} \quad \begin{array}{r} - \\ \hline \end{array}$$

4. Write the whole story about 11 and its parts 9 and 2.

The Whole Story about 11 and Its Parts 8 and 3

1. ____ toy fire trucks in all. ____ have ladders. ____ have no ladders.



a. Finish the two adding stories.

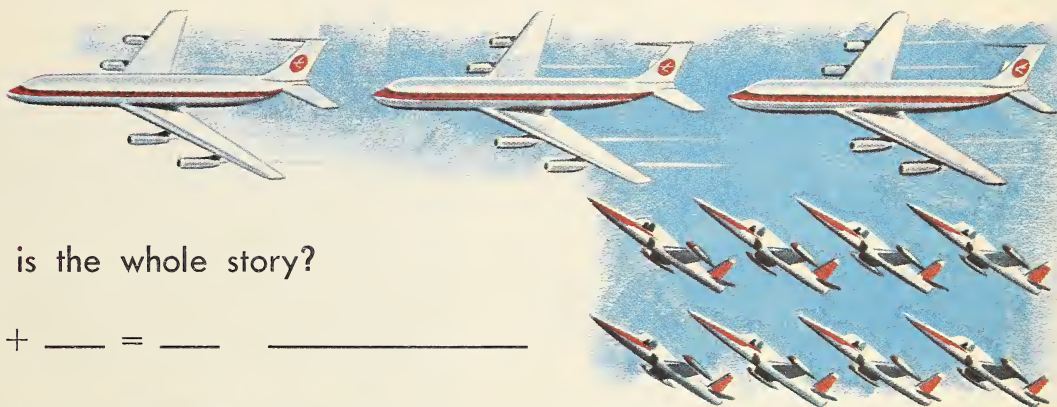
$$8 + \underline{\quad} = \underline{\quad}$$

b. Finish the two subtracting stories.

$$11 - \underline{\quad} = \underline{\quad}$$

c. This is the whole story about 11 and its parts ____ and ____.

2. ____ airplanes in all. ____ are big. ____ are little.



What is the whole story?

$$3 + \underline{\quad} = \underline{\quad}$$

$$11 - \underline{\quad} = \underline{\quad}$$

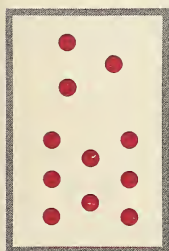
3. a. The dots show

b. Finish the whole story.

$$11 = 3 \text{ and } \underline{\quad}$$

$$3$$

$$\begin{array}{r} + \\ \hline \end{array} \quad \begin{array}{r} + \\ \hline \end{array} \quad \begin{array}{r} - \\ \hline \end{array} \quad \begin{array}{r} - \\ \hline \end{array}$$



4. Write the whole story about 11 and its parts 8 and 3.

The Whole Story about 11 and Its Parts 7 and 4



___ toy dogs in all

___ are white. ___ are black.

a. Finish the two adding stories.

$$7 + \underline{\quad} = \underline{\quad}$$

b. Finish the two subtracting stories.

$$11 - \underline{\quad} = \underline{\quad}$$

c. This is the whole story about 11 and its parts ___ and ___.



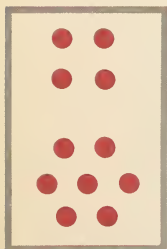
___ toy cows in all

___ are standing. ___ are not standing.

What is the whole story?

$$4 + \underline{\quad} = \underline{\quad}$$

$$11 - \underline{\quad} = \underline{\quad}$$



3. a. The dots show

$$11 = 4 \text{ and } \underline{\quad}.$$

b. Finish the whole story.

4

$$+ \underline{\quad}$$

$$+ \underline{\quad}$$

$$- \underline{\quad}$$

$$- \underline{\quad}$$

4. Write the whole story about 11 and its parts 7 and 4.

1.



___ toy birds in all
 ___ birds are on the tree.
 ___ birds are not on the tree.

a. Finish the two adding stories.

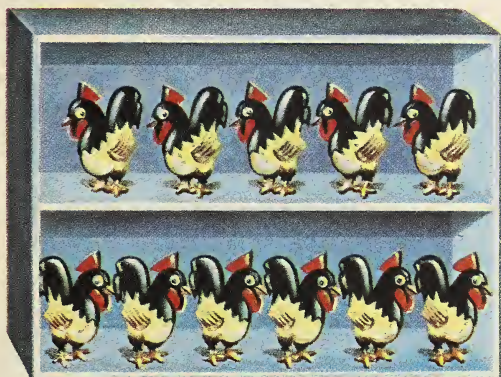
$$6 + \underline{\quad} = \underline{\quad}$$

b. Finish the two subtracting stories.

$$11 - \underline{\quad} = \underline{\quad}$$

c. This is the whole story about 11 and its parts ___ and ___.

2.



___ toy roosters in all
 ___ roosters are on the top shelf.
 ___ roosters are on the other shelf.

What is the whole story?

$$5 + \underline{\quad} = \underline{\quad}$$

$$11 - \underline{\quad} = \underline{\quad}$$

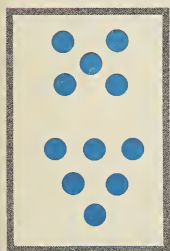
3. a. The dots show

$$11 = 5 \text{ and } \underline{\quad}$$

b. Finish the whole story.

5

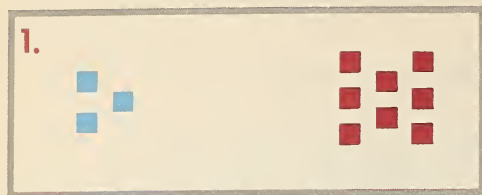
$$\begin{array}{cccc} + & + & - & - \\ \underline{\quad} & \underline{\quad} & \underline{\quad} & \underline{\quad} \end{array}$$



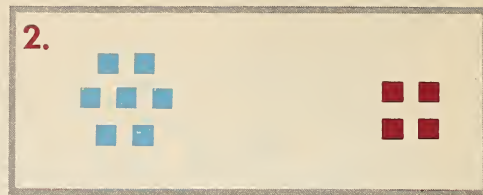
4. Write the whole story about 11 and its parts 6 and 5.

More about Whole Stories

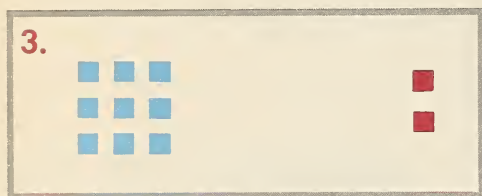
For each box, write about the parts. Then write the whole story.



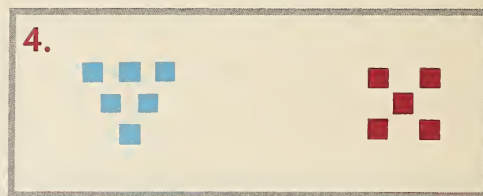
$$\underline{3} = \underline{3} \text{ and } \underline{\quad}$$



$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$



$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$



$$\underline{\quad} = \underline{\quad} \text{ and } \underline{\quad}$$

● Write the answers. Look for + and -.

1.

$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ 4 \\ + 1 \\ \hline \end{array}$
---	--	---	---	---	--	---	--	--

2.

$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 9 \\ \hline \end{array}$
---	---	--	---	---	--	---	--

3.

$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ 3 \\ + 2 \\ \hline \end{array}$
---	---	---	--	--	--	---	---	--

Can You Write These Whole Stories?

1. Finish the whole stories.

a. 7

$$\begin{array}{r} + 4 \\ \hline 11 \end{array} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad}$$

b. 8

$$\begin{array}{r} + 3 \\ \hline 11 \end{array} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad}$$

2. Write what is missing.

a. $5 + 6 = 11$,

so $6 + \underline{\quad} = 11$

and $11 - 5 = \underline{\quad}$

and $11 - 6 = \underline{\quad}$

b. $7 + 3 = 10$,

so $\underline{\quad} + 7 = 10$

and $10 - 7 = \underline{\quad}$

and $10 - \underline{\quad} = \underline{\quad}$

c. $9 + 2 = 11$,

so $\underline{\quad} + 9 = \underline{\quad}$

and $11 - 9 = \underline{\quad}$

and $11 - \underline{\quad} = \underline{\quad}$

Add or Subtract?

Draw a ring. Then write your work.

1. Jack had 10 boards for a doghouse. He used 6 of the boards. Then how many boards were left?

$$+ \quad - \quad \underline{\quad}$$

2. Jack's father took 10 nails in his hand. He used some of the nails and had 7 left in his hand. How many nails did he use?

$$+ \quad - \quad \underline{\quad}$$

3. Jack's dog ran after a ball 6 times for Jack and then 3 times for Jack's father. How many times did the dog run after the ball?

$$+ \quad - \quad \underline{\quad}$$





1. Write your work in the boxes.

a. In one pen there were 10 sheep. Now there are only 5 sheep. How many sheep were taken out of the pen?

b. There are 6 black horses and 10 white horses in the barn. How many more white horses than black horses are there?

2. Listen to the problem. Think. Then write your work.

a. _____

b. _____

c. _____

Adding and Subtracting

1. $25 + 3 = ?$

Ones. $5 + 3 = \underline{\quad}$

Write in one's place in the sum.

$$\begin{array}{r} 25 \\ + 3 \\ \hline 8 \end{array}$$

2. $64 - 3 = ?$

Ones. $4 - 3 = \underline{\quad}$

Write in one's place in the remainder.

$$\begin{array}{r} 64 \\ - 3 \\ \hline \vdots \end{array}$$

Tens. Write in ten's place.

Tens. Write in ten's place.

3. Add or subtract. Look for + and -.

$$\begin{array}{r} 43 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ + 2 \\ \hline \end{array}$$

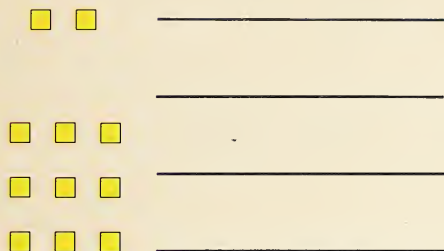
$$\begin{array}{r} 75 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ - 4 \\ \hline \end{array}$$

1. Write the whole story.



2. Write the whole story.



3. Find the other part.

a. One part of 11 is 8.

The other part is ____.

b. One part of 11 is 5.

The other part is ____.

4. Add or subtract.

a.

32	81	74	63
<u>+ 6</u>	<u>+ 5</u>	<u>+ 3</u>	<u>+ 5</u>

b.

67	28	96	79
<u>- 5</u>	<u>- 3</u>	<u>- 5</u>	<u>- 4</u>

5. Write answers for these.

a.

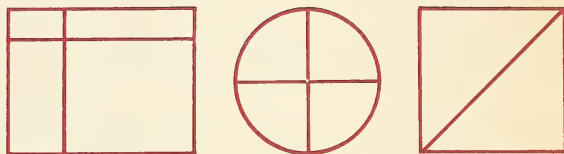
6	9	10	2	1¢
<u>+ 4</u>	<u>- 7</u>	<u>- 3</u>	<u>+ 8</u>	2¢
				<u>+ 7¢</u>

b.

8	5	10	10
<u>- 6</u>	<u>+ 5</u>	<u>- 9</u>	<u>- 2</u>

6. a. Write $\frac{1}{4}$ on each fourth.

b. Write $\frac{1}{2}$ on each half.



7. Jan had 9 balloons. Some of them broke, and only 7 were left. How many balloons broke?

To work this problem, I had to

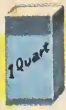
add. subtract.

8. Jim had 4 big ducks and 6 little ducks. How many ducks did Jim have all together?

To work this problem, I had to

add. subtract.

Pints and Quarts



1 quart



1 pint



2 pints



1 quart



1 pint
= $\frac{1}{2}$ quart



2 pints
= 1 quart

1. Draw a ring around Yes or No.

a. Does 1 pint equal 1 quart?

Yes No

b. Do 2 pints equal $\frac{1}{2}$ quart?

Yes No

c. Does 1 quart equal 2 pints?

Yes No

d. Do 4 pints equal 1 quart?

Yes No

e. Does $\frac{1}{2}$ quart equal 2 pints?

Yes No

f. Does $\frac{1}{2}$ quart equal 1 pint?

Yes No

2. How many pints of milk in each of these?

a. $\frac{1}{2}$ quart  _____ pint

b. 1 quart  _____ pints

3. We can use pints and quarts for some of these.
Draw a ring around pints and quarts can be used.

milk	trees	paper	horses	cream	flowers
candy	water	paint	dimes	eggs	pie

4. Can a new kitten drink 1 quart of milk at one time?

Yes No

5. Can a boy drink 1 pint of milk a day?

Yes No

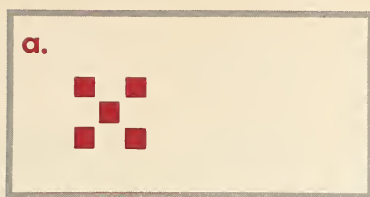
6. Teddy's mother buys $\frac{1}{2}$ quart of cream a day. Is this 1 pint of cream?

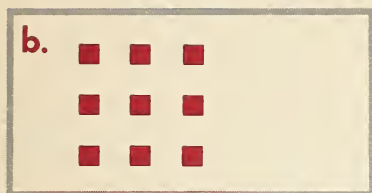
Yes No

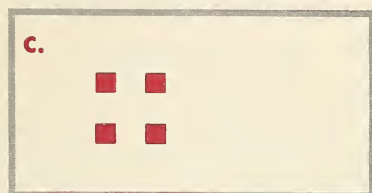
7. 1 quart = _____ pints

Working with Adding Stories

1. In each box, draw more to make 11 in all.
Then write the two adding stories.









2. Finish each adding story. Then write the other adding story.

a. $9 + 2 = \underline{\quad}$ b. $4 + 6 = \underline{\quad}$ c. $8 + 3 = \underline{\quad}$ d. $7 + 3 = \underline{\quad}$

e. $5 + 4 = \underline{\quad}$ f. $6 + 5 = \underline{\quad}$ g. $7 + 4 = \underline{\quad}$ h. $2 + 8 = \underline{\quad}$

3. Write the sums. Pairs of stories may help you.

$\begin{array}{r} 3 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 3\text{¢} \\ + 7\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 6\text{¢} \\ + 5\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 4\text{¢} \\ 3\text{¢} \\ + 4\text{¢} \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 8\text{¢} \\ + 3\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 4\text{¢} \\ + 7\text{¢} \\ \hline \end{array}$
---	---	---	---	---	---	---	---

Working with Subtracting Stories

1. For each box, write the two subtracting stories.









2. Finish each subtracting story. Then write the other subtracting story.

a. $11 - 2 = \underline{\quad}$ b. $11 - 6 = \underline{\quad}$ c. $11 - 4 = \underline{\quad}$ d. $10 - 2 = \underline{\quad}$

e. $9 - 2 = \underline{\quad}$ f. $10 - 3 = \underline{\quad}$ g. $11 - 8 = \underline{\quad}$ h. $10 - 6 = \underline{\quad}$

3. Write the remainders. Pairs of stories may help you.

$\begin{array}{r} 11 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 10\text{¢} \\ - 4\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 11\text{¢} \\ - 5\text{¢} \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 11\text{¢} \\ - 4\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 11\text{¢} \\ - 8\text{¢} \\ \hline \end{array}$
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Helps in Adding and Subtracting

Write what is missing.

1. $9 + 1 = 10$,

so $9 + 2 = \underline{11}$

and $2 + 9 = \underline{\quad}$

2. $2 + 8 = \underline{\quad}$,

so $2 + 9 = \underline{\quad}$

and $9 + 2 = \underline{\quad}$

3. $4 + 6 = \underline{\quad}$,

so $4 + 7 = \underline{\quad}$

and $7 + 4 = \underline{\quad}$

4. $7 + 3 = \underline{\quad}$,

so $8 + 3 = \underline{\quad}$

and $3 + 8 = \underline{\quad}$

5. $6 + 4 = \underline{\quad}$,

so $7 + 4 = \underline{\quad}$

and $4 + 7 = \underline{\quad}$

6. $2 + 8 = \underline{\quad}$,

so $3 + 8 = \underline{\quad}$

and $8 + 3 = \underline{\quad}$

7. $10 - 2 = 8$,

so $11 - 2 = \underline{9}$

and $11 - \underline{\quad} = 2$

8. $10 - 4 = \underline{\quad}$,

so $11 - 4 = \underline{\quad}$

and $11 - \underline{\quad} = 4$

9. $10 - 8 = \underline{\quad}$,

so $11 - 8 = \underline{\quad}$

and $11 - \underline{\quad} = 8$

Weighing Things

We use scales for weighing things. We can find the number of pounds.

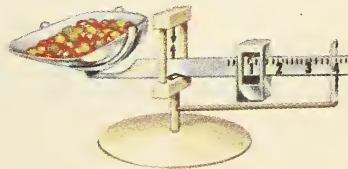
1. Ann weighs pounds. How much do you weigh? pounds



2. For each picture below, write the number of pounds shown on the scale.



 pounds



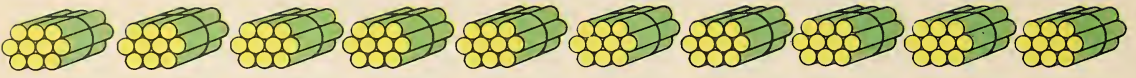
 pound



 pounds

3. Which things do we weigh on scales? Draw rings.

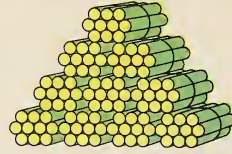
money turkeys oranges fish ice cream water candy



1. How many tens? ____ tens

We can think of 10 tens as 1 hundred.

We can group 10 tens to show 1 hundred.



____ hundred

2. How many are there? Finish the work.



or



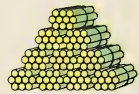
13 tens

or

1 hundred 3 tens



or



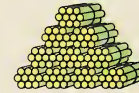
____ tens

or

____ hundred ____ tens



or



____ tens

or

____ hundred ____ tens



or



____ tens

or

____ hundred ____ tens



or



____ tens ____ ones

or

____ hundred ____ tens ____ ones



or

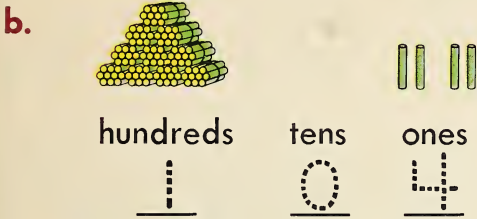


____ tens ____ ones

or

____ hundred ____ tens ____ ones

1. Finish the work.



2. What is the number? We use three figures for these numbers.

	hundreds	tens	ones	
a. 1 hundred and 3 tens and 7 ones	<u>1</u>	<u>3</u>	<u>7</u>	<u>137</u>
b. 1 hundred and 8 tens and 6 ones	<u>1</u>	<u>8</u>	<u>6</u>	<u>186</u>
c. 1 hundred and 0 tens and 3 ones	<u>1</u>	<u>0</u>	<u>3</u>	<u>103</u>
d. 1 hundred and 0 tens and 8 ones	<u>1</u>	<u>0</u>	<u>8</u>	<u>108</u>
e. 1 hundred and 5 tens and 2 ones	<u>1</u>	<u>5</u>	<u>2</u>	<u>152</u>
f. 1 hundred and 0 tens and 5 ones	<u>1</u>	<u>0</u>	<u>5</u>	<u>105</u>
g. 1 hundred and 2 tens and 0 ones	<u>1</u>	<u>2</u>	<u>0</u>	<u>120</u>
h. 1 hundred and 4 tens and 0 ones	<u>1</u>	<u>4</u>	<u>0</u>	<u>140</u>

1. In the empty boxes, write what is missing.

91	92	93	94	95	96		98	99	100
101	102	103		105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	
121		123	124	125		127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158		160
	162	163	164		166	167	168	169	170
171	172	173	174	175	176	177		179	180
181	182		184	185	186	187	188	189	
191	192	193	194	195		197	198	199	200

2. Write what is missing.

- a. 90 91 _____ _____ c. 130 _____ _____ _____
- b. 170 171 _____ _____ d. _____ 120 _____ _____

● Write the answers. Look for + and -.

1. 11 11 5 4 8 11 6 11 52
 - 9 - 3 + 6 + 7 + 3 - 7 + 5 - 2 + 6
2. 3 11 7 11 11 2 11 9 79
 + 8 - 5 + 4 - 8 - 4 + 9 - 6 + 2 - 4

More about Money

1 half dollar



50¢

How much? Write the answers.

a.



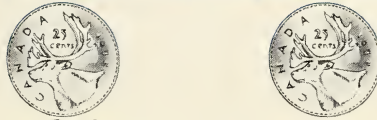
1 half dollar = ____ dimes

b.



1 half dollar = ____ nickels

c.



1 half dollar = ____ quarters

Counting Your Change

1. For this you gave the store man a dime. You got back



4¢



Your change ____¢

2. For this you gave 15¢. You got back



Your change ____¢

3. For this you gave 20¢. You got back



16¢



Your change ____¢

4. For this you gave 25¢. You got back



8¢



Your change ____¢



Write your work in the boxes.

1. The boys made a snowman. They put 3 little buttons and 8 big buttons on him. How many buttons did they use in all?

2. Fred had made 10 snowballs to throw at the snowman. After throwing 5, how many snowballs did he have left?

3. One night 4 inches of snow fell. The next night 6 inches more fell. How many inches of snow fell in the two nights?

4. Sam took a ride on his sled 5 times on one hill and 4 times on another hill. That was how many rides in all?

Do You Remember?

Write the answers.

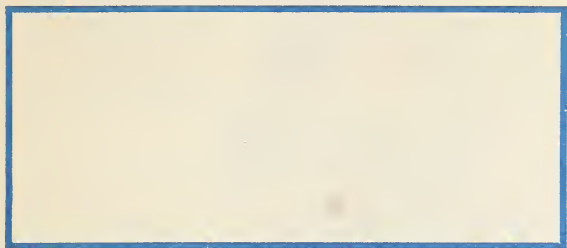
1.	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 11\text{¢} \\ - 7\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 2\text{¢} \\ 4\text{¢} \\ + 5\text{¢} \\ \hline \end{array}$
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2.	$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 5\text{¢} \\ + 6\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 4\text{¢} \\ 3\text{¢} \\ + 4\text{¢} \\ \hline \end{array}$
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3.	$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 9\text{¢} \\ + 2\text{¢} \\ \hline \end{array}$
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Do You Know?

1. Write the whole story about 11 and its parts 7 and 4.



2. a. One part of 11 is 9.

The other part is ____.

b. One part of 11 is 6.

The other part is ____.

3. 1 half dollar = ____¢

1 quarter = ____¢

4. Write what is missing.

97 98 99 ____ ____ ____

154 155 ____ ____ ____

187 188 ____ ____ ____

5. Which things do we weigh on scales? Draw rings.

water fish paint candy

6. a. 1 quart = ____ pints

b. $\frac{1}{2}$ quart = ____ pint

7. Finish the work.

____ tens = 1 hundred

8. Write what is missing.

$2 + 8 = \underline{\hspace{1cm}}$,

so $3 + 8 = \underline{\hspace{1cm}}$

and $8 + 3 = \underline{\hspace{1cm}}$

9. Write the answers.

a.	2	11	9	53	3¢
	<u>+ 9</u>	<u>- 4</u>	<u>- 3</u>	<u>+ 4</u>	4¢
					<u>+ 4¢</u>

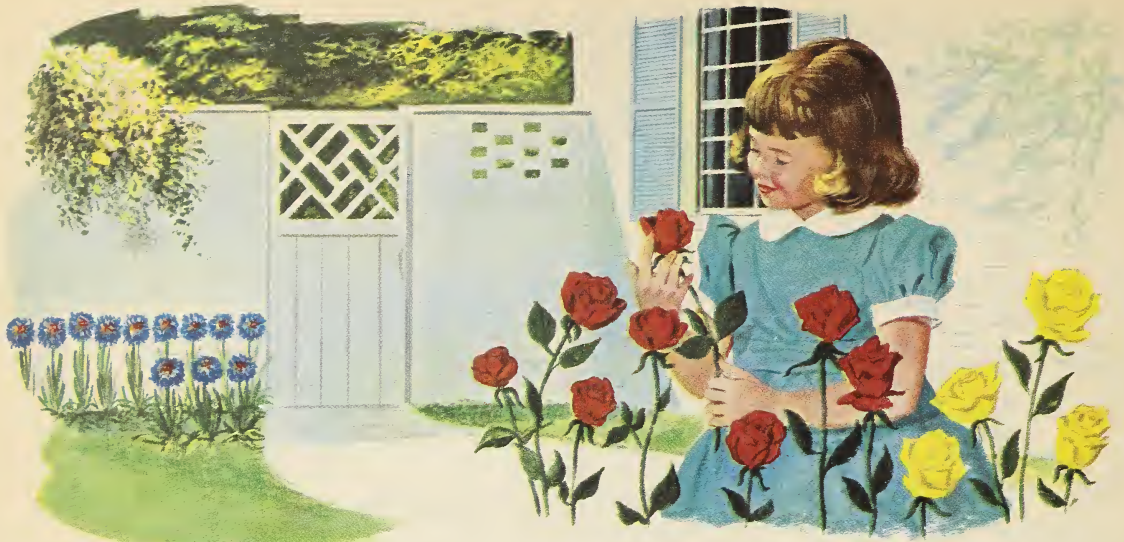
b.	11	10	5	29
	<u>- 8</u>	<u>- 2</u>	<u>+ 6</u>	<u>- 6</u>

10. Sue took 10¢ to the store. She spent 6¢. How much change did she get back?

In this problem I had to
add. subtract.

11. George spent 7¢ one day and 3¢ another day. In the two days he spent how much?

In this problem I had to
add. subtract.



1. ____ blue cornflowers in all in the picture.

____ cornflowers are tall. ____ cornflowers are short.

12 = 9 and ____ 12 = ____ and ____

2. ____ roses in all. ____ are red. ____ are yellow.

12 = ____ and ____ 12 = ____ and ____



3. ____ in all

12 = ____ and ____

12 = ____ and ____

4. ____ in all

12 = ____ and ____

More about Parts of 12

1. Write about these parts of 12 in two ways.



$$12 = \underline{\quad} \text{ and } \underline{\quad}$$

$$12 = \underline{\quad} \text{ and } \underline{\quad}$$

$$12 = \underline{\quad} \text{ and } \underline{\quad}$$

$$12 = \underline{\quad} \text{ and } \underline{\quad}$$

$$12 = \underline{\quad} \text{ and } \underline{\quad}$$

$$12 = \underline{\quad} \text{ and } \underline{\quad}$$

2. Write about these parts of 12.

a.		12 = <u>9</u> and <u>3</u>	12 = <u>3</u> and <u>9</u>
b.		12 = <u> </u> and <u> </u>	12 = <u> </u> and <u> </u>
c.		12 = <u> </u> and <u> </u>	12 = <u> </u> and <u> </u>
d.		12 = <u> </u> and <u> </u>	
e.		12 = <u> </u> and <u> </u>	12 = <u> </u> and <u> </u>
f.		12 = <u> </u> and <u> </u>	12 = <u> </u> and <u> </u>
g.		12 = <u> </u> and <u> </u>	12 = <u> </u> and <u> </u>

3. What is the other part?

a. One part of 12 is 6.

The other part is .

b. One part of 12 is 9.

The other part is .

c. One part of 12 is 4.

The other part is .

d. One part of 12 is 7.

The other part is .

e. One part of 12 is 8.

The other part is .

f. One part of 12 is 5.

The other part is .



1. ____ cans of paint in all
 ____ cans in the box
 ____ cans not in the box

a. Finish the two adding stories. $9 + \underline{\quad} = \underline{\quad}$

b. Finish the two subtracting stories. $12 - \underline{\quad} = \underline{\quad}$

c. This is the whole story about 12 and its parts ____ and ____.

12 things = 1 dozen

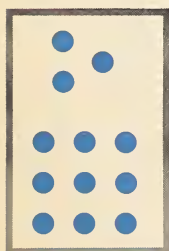
The picture shows 1 dozen cans.

2. 12 paint brushes in all. ____ brushes are short. ____ are long.

What is the whole story
 about the dozen brushes?

$3 + \underline{\quad} = \underline{\quad}$

$12 - \underline{\quad} = \underline{\quad}$



3. a. The dots show

b. Finish the whole story.

$12 = 3$ and ____.

3

$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$

4. Write the whole story about 12 and its parts 9 and 3.

Are there 1 dozen eggs?

Yes No

1. 12 eggs in all

— eggs are in the box.

— are in the man's hands.

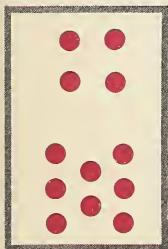
a. Finish the two adding stories. $8 + \underline{\quad} = \underline{\quad}$ _____

b. Finish the two subtracting stories. $12 - \underline{\quad} = \underline{\quad}$ _____

c. This is the whole story about 12 and its parts ____ and ____.

2. ____ cans in all. ____ in the little group. ____ in the big group.

What is the whole story about the dozen cans?

$$12 - \underline{\quad} = \underline{\quad}$$


3. a. The dots show **b.** Finish the whole story.

12 = 4 and ____.

4

$\frac{+}{+}$ $\frac{+}{-}$ $\frac{-}{+}$ $\frac{-}{-}$

4. Write the whole story about 12 and its parts 8 and 4.



1. Are there 1 dozen cards?

Yes No

Are there 1 dozen stamps?

Yes No

2. 12 cards in all

___ are big cards.

___ are little cards.

a. Finish the two adding stories. $7 + \underline{\quad} = \underline{\quad}$

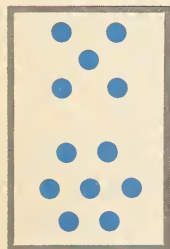
b. Finish the two subtracting stories. $12 - \underline{\quad} = \underline{\quad}$

c. This is the whole story about 12 and its parts ___ and ___.

3. ___ stamps in all. ___ are red stamps. ___ are blue stamps.

What is the whole story? $5 + \underline{\quad} = \underline{\quad}$

$12 - \underline{\quad} = \underline{\quad}$



4. a. The dots show b. Finish the whole story.

$12 = 5$ and ___.

5

$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$

5. Write the whole story about 12 and its parts 7 and 5.

The Whole Story about 12 and Its Parts 6 and 6



1. Are there 1 dozen bottles? Yes No 1 dozen eggs? Yes No

2. 12 bottles in all. ____ are in one box. ____ are in the other box.

a. Finish the adding story. $6 + \underline{\quad} = \underline{\quad}$

b. Finish the subtracting story. $12 - \underline{\quad} = \underline{\quad}$

c. This is the whole story about 12 and its parts ____ and ____.

3. ____ eggs in all

____ eggs in one box

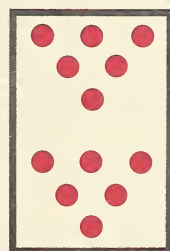
____ eggs in the other box

What is the whole story?

$6 + \underline{\quad} = \underline{\quad}$ $12 - \underline{\quad} = \underline{\quad}$

4. a. $12 = 6$ and ____

b. Finish the whole story.



6 12

$+$ $-$

5. Write the whole story about 12 and its parts 6 and 6.

● Write the answers.

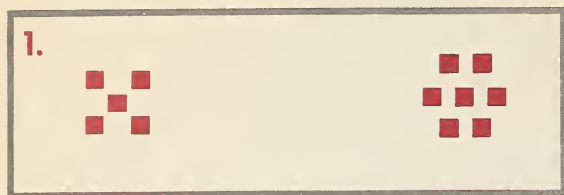
1. $2 + 5 + 4 = \underline{\quad}$ $3 + 3 + 4 = \underline{\quad}$ $1 + 8 + 2 = \underline{\quad}$ 7

2. $1 + 3 + 7 = \underline{\quad}$ $2 + 1 + 8 = \underline{\quad}$ $3 + 2 + 1 = \underline{\quad}$ $\begin{array}{r} 7 \\ 1 \\ + 2 \end{array}$

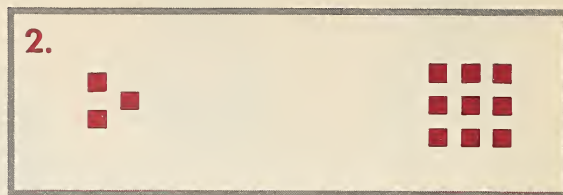
3. $6 + 3 + 2 = \underline{\quad}$ $5 + 2 + 3 = \underline{\quad}$ $2 + 2 + 7 = \underline{\quad}$

More about Whole Stories

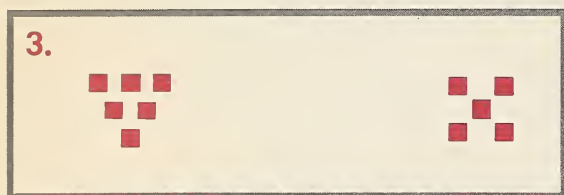
For each box, write about the parts. Then write the whole story.



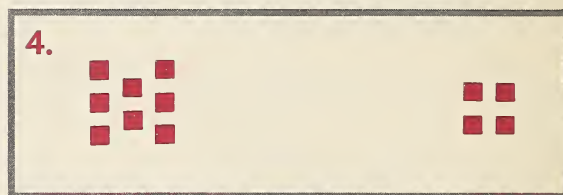
$$4 = 5 \text{ and } \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ and } \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ and } \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ and } \underline{\hspace{2cm}}$$

● Write the answers. Look for + and -.

1.	5	11	5	3	8	11	11	2	11
	<u>+ 5</u>	<u>- 9</u>	<u>+ 6</u>	<u>+ 7</u>	<u>+ 3</u>	<u>- 2</u>	<u>- 5</u>	<u>+ 9</u>	<u>- 8</u>

2.	11	7	4	11	10	3	10	2
	<u>- 6</u>	<u>+ 4</u>	<u>+ 6</u>	<u>- 4</u>	<u>- 7</u>	<u>+ 8</u>	<u>- 9</u>	<u>+ 8</u>

3.	4	10	4	10	11	9	11	6	4
	<u>+ 5</u>	<u>- 8</u>	<u>+ 7</u>	<u>- 6</u>	<u>- 3</u>	<u>+ 2</u>	<u>- 7</u>	<u>+ 5</u>	<u>+ 2</u>

Can You Write These?

1. Finish the whole stories.

a. 5

$$\begin{array}{r} + 7 \\ 12 \end{array}$$

$$+ \underline{\quad}$$

$$- \underline{\quad}$$

$$- \underline{\quad}$$

b. 3

$$\begin{array}{r} + 8 \\ 11 \end{array}$$

$$+ \underline{\quad}$$

$$- \underline{\quad}$$

$$- \underline{\quad}$$

c. 8

$$\begin{array}{r} + 4 \\ 12 \end{array}$$

$$+ \underline{\quad}$$

$$- \underline{\quad}$$

$$- \underline{\quad}$$

d. 3

$$\begin{array}{r} + 9 \\ 12 \end{array}$$

$$+ \underline{\quad}$$

$$- \underline{\quad}$$

$$- \underline{\quad}$$

2. Write what is missing.

a. $9 + 3 = 12,$

so $3 + \underline{\quad} = 12$

and $12 - 3 = \underline{\quad}$

and $12 - \underline{\quad} = 3$

b. $7 + 5 = 12,$

so $5 + \underline{\quad} = 12$

and $12 - 5 = \underline{\quad}$

and $12 - \underline{\quad} = 5$

c. $4 + 8 = 12,$

so $8 + \underline{\quad} = 12$

and $12 - 8 = \underline{\quad}$

and $12 - \underline{\quad} = 8$

3. Now try these.

a. $12 - 7 = 5,$

so $12 - \underline{\quad} = 7$

and $7 + \underline{\quad} = 12$

and $\underline{\quad} + 7 = 12$

b. $12 - 9 = 3,$

so $12 - \underline{\quad} = 9$

and $9 + \underline{\quad} = 12$

and $\underline{\quad} + 9 = 12$

c. $12 - 4 = 8,$

so $12 - \underline{\quad} = 4$

and $4 + \underline{\quad} = 12$

and $\underline{\quad} + 4 = 12$

● Add or subtract. Look for + and -.

1.	$\begin{array}{r} 39 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 65 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 68 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 23 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 74\text{¢} \\ + 2\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 49\text{¢} \\ - 6\text{¢} \\ \hline \end{array}$
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2.	$\begin{array}{r} 28 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 43 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 97 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 79 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 82 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 28\text{¢} \\ - 5\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 34\text{¢} \\ + 5\text{¢} \\ \hline \end{array}$
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1. Write your work in the boxes.

a. Tom put 8 tomato plants in the garden. Father put in 11. How many more tomato plants did Father put in than Tom?

d. Tom saw 2 birds in one row of the garden, 4 in another row, and 5 in another. How many birds did Tom see in all?

b. 10 lettuce plants were in a box. Ann put some in the garden and had 2 left. How many lettuce plants did Ann put in the garden?

e. Ann found 11 rocks in the garden. Tom found only 9. How many more rocks did Ann find than Tom?

c. Tom had to put 5 cabbage plants in one row and 5 in another. How many cabbage plants did Tom put in the two rows?

f. Ann had a dime. She bought a basket for 5¢. How much was Ann's change?

2. Listen to each problem. Write + or -. Then write the work.

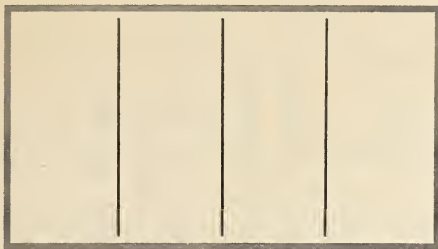
a. _____

b. _____

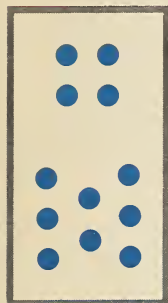
c. _____

Finding What You Know

1. Write the whole story.



2. Write the whole story.



3. Find the other part.

a. One part of 12 is 6.

The other part is ____.

b. One part of 12 is 5.

The other part is ____.

4. We write ____ for
1 hundred and 3 tens and 5 ones.

5. Write what is missing.

a. 100 101 ____ 104

b. 168 169 ____

c. 196 197 ____ 200

6. a. 1 half dollar = ____¢

b. 1 half dollar = ____ dimes

c. 1 half dollar = ____ quarters

d. 1 half dollar = ____ nickels

7. Do 2 pints = 1 quart? Yes No

8. Write the answers.

a.	8	10	4	11	5¢
	+ 3	- 6	+ 7	- 9	2¢
					+ 4¢

b.	11	10	96	85
	- 5	- 2	+ 2	- 3

c.	2	11	25	79	3¢
	+ 9	- 3	+ 3	- 5	2¢
					+ 6¢

9. Tim worked 6 adding problems and 4 subtracting problems. How many problems did Tim work in all?

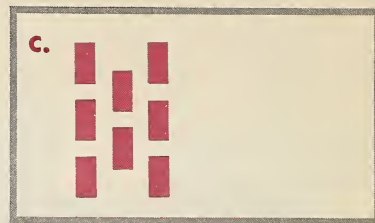
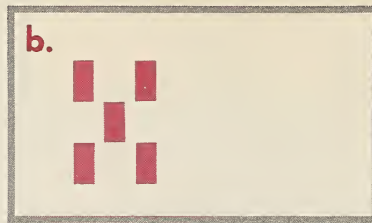
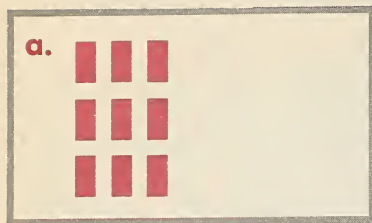
Did you add? Yes No

10. Spot found 11 bones in a pile. He took away 5 of them. How many bones were left in the pile?

Did you add? Yes No

Working with Adding Stories

1. In boxes **a**, **b**, and **c**, draw more to make 12 in all. Then write the two adding stories.

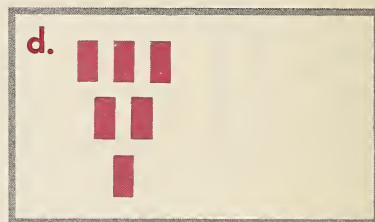


2. In box **d**, draw more to make 12 in all.

Is the adding story $6 + 6 = 12$? Yes No

Is there another adding story about 12 and its parts 6 and 6?

Yes No



3. Finish each adding story. Then write the other adding story.

a. $4 + 8 = \underline{\quad}$ **b.** $6 + 5 = \underline{\quad}$ **c.** $3 + 9 = \underline{\quad}$ **d.** $7 + 5 = \underline{\quad}$

e. $4 + 7 = \underline{\quad}$ **f.** $9 + 3 = \underline{\quad}$ **g.** $5 + 7 = \underline{\quad}$ **h.** $3 + 8 = \underline{\quad}$

4. Write the sums. Pairs of stories may help you.

$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 9\text{¢} \\ + 3\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 5\text{¢} \\ + 6\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 4\text{¢} \\ 5\text{¢} \\ + 3\text{¢} \\ \hline \end{array}$
---	---	---	---	---	---	---	---	--

$\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 7\text{¢} \\ + 5\text{¢} \\ \hline \end{array}$
---	---	---	---	---	---	---	---

Working with Subtracting Stories

1. For boxes **a**, **b**, and **c**, write the two subtracting stories.



2. The subtracting story for **d** is _____.

Is there another subtracting story about 12 and its parts 6 and 6?

Yes No



3. Finish each subtracting story. Then write the other subtracting story.

a. $11 - 7 = \underline{\quad}$ **b.** $12 - 4 = \underline{\quad}$ **c.** $12 - 9 = \underline{\quad}$ **d.** $11 - 3 = \underline{\quad}$

e. $12 - 7 = \underline{\quad}$ **f.** $10 - 3 = \underline{\quad}$ **g.** $11 - 6 = \underline{\quad}$ **h.** $12 - 8 = \underline{\quad}$

i. $12 - 3 = \underline{\quad}$ **j.** $9 - 5 = \underline{\quad}$ **k.** $10 - 4 = \underline{\quad}$ **l.** $12 - 5 = \underline{\quad}$

4. Write the remainders. Pairs of stories may help you.

$\begin{array}{r} 11 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 11\text{¢} \\ - 9\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 12\text{¢} \\ - 3\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 11\text{¢} \\ - 8\text{¢} \\ \hline \end{array}$
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$\begin{array}{r} 12 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 9\text{¢} \\ - 6\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 11\text{¢} \\ - 7\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 10\text{¢} \\ - 5\text{¢} \\ \hline \end{array}$
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Helps in Adding and Subtracting

Write what is missing.

1. $5 + 5 = 10,$

so $5 + 7 = \underline{\quad}$

and $7 + 5 = \underline{\quad}$

2. $9 + 1 = \underline{\quad},$

so $9 + 3 = \underline{\quad}$

and $3 + 9 = \underline{\quad}$

3. $7 + 3 = \underline{\quad},$

so $7 + 5 = \underline{\quad}$

and $5 + 7 = \underline{\quad}$

4. $6 + 4 = \underline{\quad},$

so $8 + 4 = \underline{\quad}$

and $4 + 8 = \underline{\quad}$

5. $2 + 8 = \underline{\quad},$

so $4 + 8 = \underline{\quad}$

and $8 + 4 = \underline{\quad}$

6. $1 + 9 = \underline{\quad},$

so $3 + 9 = \underline{\quad}$

and $9 + 3 = \underline{\quad}$

7. $10 - 5 = 5,$

so $12 - 5 = \underline{\quad}$

and $12 - \underline{\quad} = 5$

8. $10 - 3 = \underline{\quad},$

so $12 - 3 = \underline{\quad}$

and $12 - \underline{\quad} = 3$

9. $10 - 7 = \underline{\quad},$

so $12 - 7 = \underline{\quad}$

and $12 - \underline{\quad} = 7$

10. $10 - 4 = \underline{\quad},$

so $12 - 4 = \underline{\quad}$

and $12 - \underline{\quad} = 4$

11. $10 - 9 = \underline{\quad},$

so $12 - 9 = \underline{\quad}$

and $12 - \underline{\quad} = 9$

12. $10 - 8 = \underline{\quad},$

so $12 - 8 = \underline{\quad}$

and $12 - \underline{\quad} = 8$

● Add or subtract. Look for + and -.

1.	$\begin{array}{r} 11 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 47 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 4\text{¢} \\ 5\text{¢} \\ + 3\text{¢} \\ \hline \end{array}$
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2.	$\begin{array}{r} 12 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 25 \\ + 4 \\ \hline \end{array}$
-----------	--	--	---	--	---	---	--	--

3.	$\begin{array}{r} 11 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 5\text{¢} \\ 2\text{¢} \\ + 5\text{¢} \\ \hline \end{array}$
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Putting Equal Groups Together

Finish the work for each picture.

1.



There are 2 groups of dolls.

There are 3 dolls in each group.

There are 6 dolls all together.

2 groups of 3 = 6

2.



2 groups of hats

4 hats in each group

8 hats all together

2 groups of 4 = 8

3.



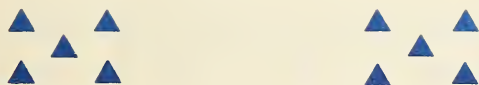
3 groups of shoes

2 shoes in each group

6 shoes all together

3 groups of 2 = 6

4.



2 equal groups

5 in each group

10 all together

2 groups of 5 = 10

5.



3 equal groups

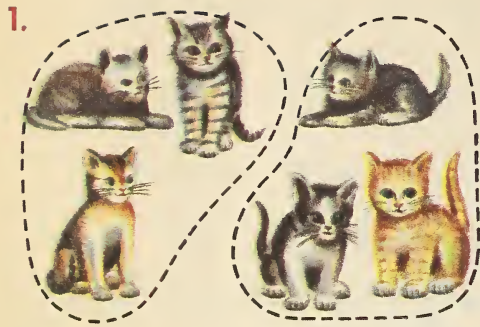
4 in each group

12 all together

3 groups of 4 = 12

Separating into Equal Groups

Finish the work for each picture.



There are 6 kittens all together.

Draw rings to make groups of 3.

Now you have 2 groups of kittens.

There are 3 kittens in each group.

$$\underline{6} = \underline{2} \text{ groups of } \underline{3}$$

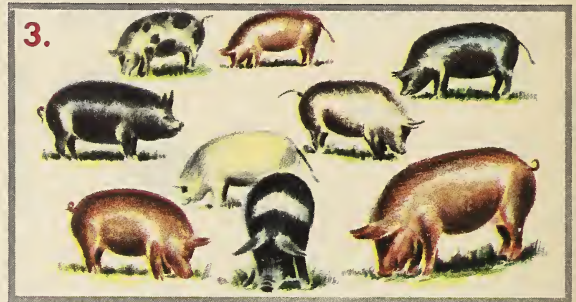


6 ducks all together

Draw rings to make groups of 2.

There are 3 equal groups.

$$\underline{6} = \underline{3} \text{ groups of } \underline{\quad}$$

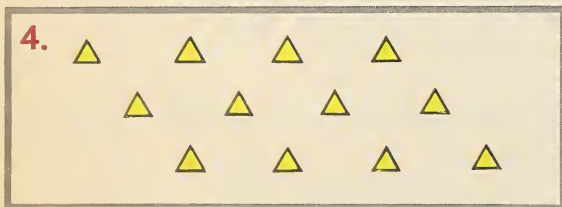


 pigs all together

Draw rings to make groups of 3.

There are equal groups.

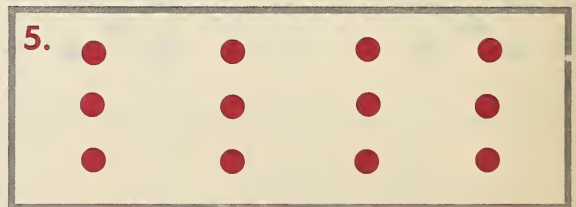
$$\underline{\quad} = \underline{\quad} \text{ groups of } \underline{\quad}$$



 in all

Draw rings to make groups of 4.

$$\underline{\quad} = \underline{\quad} \text{ groups of } \underline{\quad}$$



 in all

Draw rings to make groups of 3.

$$\underline{\quad} = \underline{\quad} \text{ groups of } \underline{\quad}$$

More about Separating into Equal Groups

Finish the work. Draw rings to help you.



_____ in all

How many groups of 2?

_____ = _____ groups of _____



_____ in all

How many groups of 6?

_____ = _____ groups of _____

More about Counting

1. You know how to count by 2's. Write what is missing.

2 4 6 _____ _____ _____ _____ _____ 20

2. Now count on by 2's.

22 24 26 _____ _____ _____ _____ _____ 40

3. Finish this row.

32 34 _____ _____ 40 _____ _____ _____ 50

4. You know how to count by 5's. Write what is missing.

5 10 15 _____ _____ _____ _____ _____ 50

5. Now count on by 5's.

55 60 65 _____ _____ _____ _____ _____ 100

1 dollar



\$ 1

How much? Write the answers.

a.



1 dollar = ____ dimes

b.



1 dollar = ____ half dollars

c.



1 dollar = ____ quarters

Working with Money Numbers

Write your work on the lines.

1. A big book costs 10¢. A little book costs 5¢. How much more does the big book cost than the little one?

2. Sue bought candy for 2¢, a ball for 5¢, and an apple for 4¢. How much in all did these things cost?

3. A ruler costs 6¢. Ann gave the man a dime for a ruler. How much change did she get back?

4. Mary had 11¢. She bought a box of crayons and had 5¢ left. Mary spent how much for crayons?

Do You Remember?

Write the answers.

1. $\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ - 3 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ + 4 \\ \hline \end{array}$ $\begin{array}{r} 11 \\ - 6 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ - 9 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ - 5 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ + 8 \\ \hline \end{array}$

2. $\begin{array}{r} 5 \\ + 6 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ - 6 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ + 9 \\ \hline \end{array}$ $\begin{array}{r} 11 \\ - 7 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ - 4 \\ \hline \end{array}$ $\begin{array}{r} 11 \\ - 3 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ + 3 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$ $\begin{array}{r} 11 \\ - 4 \\ \hline \end{array}$

3. $\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ + 3 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ - 8 \\ \hline \end{array}$ $\begin{array}{r} 11 \\ - 5 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ + 4 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$ $\begin{array}{r} 11 \\ - 9 \\ \hline \end{array}$ $\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$

Do You Know?

1. One part of 12 is 7.

The other part is ____.

Write the whole story.

2. Count and finish these.

a. 30 32 ____ 40

b. 55 60 ____ 80

c. 15 18 ____ 30

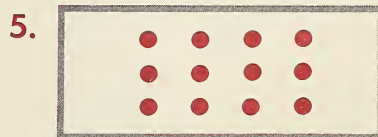
d. 50 60 ____ 100

3. Are there 12 eggs in a dozen?

Yes No



2 groups of 4 = ____



12 = ____ groups of 3

6. Carol had 11 dolls. She gave 3 of them to Mary. How many dolls did Carol have left?

Checking-Up Time

1. Finish the work.

- a. 1 hundred and 5 tens and 7 ones = _____ d. 10 tens = _____
 b. 1 hundred and 8 tens and 0 ones = _____ e. 100 ones = _____
 c. 1 hundred and 0 tens and 3 ones = _____ f. 5 tens = _____

2. Write what is missing.

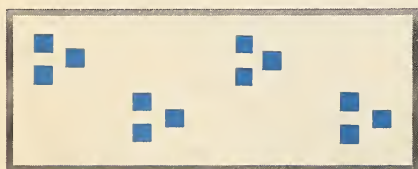
- a. Count by 1's. 178 _____ _____ _____ _____
 b. Count by 2's. 34 36 _____ _____ _____ _____
 c. Count by 3's. 15 18 _____ _____ _____ _____
 d. Count by 5's. 55 60 _____ _____ _____ _____
 e. Count by 10's. 50 60 _____ _____ _____ _____

3. Write the answers.

42	81	55	94	38	79	67	26
<u>+ 6</u>	<u>+ 4</u>	<u>+ 3</u>	<u>+ 5</u>	<u>- 6</u>	<u>- 4</u>	<u>- 5</u>	<u>- 3</u>

4. Write the answers.

5. Finish the work.



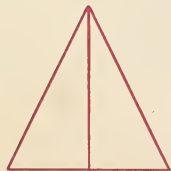
_____ groups of _____ = _____

6. Finish the work.



_____ = _____ groups of 2

7. Write $\frac{1}{2}$ on each half. Write $\frac{1}{4}$ on each fourth.



Checking-Up Time

1.

Measure this line. It is ____ inches long.

2. Write the answers. **a.** 1 quart = ____ pints **b.** $\frac{1}{2}$ quart = ____ pint

3. Draw a ring around each thing we measure in pints or quarts.

oranges milk cakes
eggs water paint

4. Draw a ring around each thing we weigh on scales.

candy nuts boards
stamps cream baby

5. What time is it? Draw a ring.



4 o'clock

half past 4

half past 5



6 o'clock

12 o'clock

half past 6



7 o'clock

half past 8

half past 7

6. Write the answers.

1 half dollar = ____¢

1 dollar = \$____

1 half dollar = ____ quarters

1 dollar = ____ half dollars

1 half dollar = ____ dimes

1 dollar = ____ quarters

7. Jane took 10¢ to the store. She spent 7¢. How much change did she get back?

8. Jack took a dime to the store. He bought a toy that cost a nickel. How much change did he get back?

Checking-Up Time

1. What is the other part?

a. One part of 11 is 8.

The other part is ____.

b. One part of 12 is 7.

The other part is ____.

2. Finish each pair of stories.

a. $8 + 4 = \underline{\quad}$

b. $11 - 6 = \underline{\quad}$

c. $10 - 3 = \underline{\quad}$

3. Finish each whole story.

a.	2			
+	8			
<hr/>				

b.	6			
+	6			
<hr/>				

c.	7			
+	4			
<hr/>				

4. Write the answers.

8	10	4	3	11	12	7	8	6	3¢
+	-	+	+	-	-	+	-		
3	6	5	9	6	7	3	5	2	6¢
<hr/>									
								+	+
								4	2¢
<hr/>									

5. Read, think, and write your work.

a. Judy spent 7¢ for a book and 4¢ for some candy. She spent how much in all?

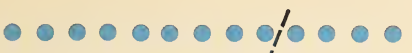
b. Jane has 9 dolls. Sue has 6. Jane has how many more dolls than Sue?


c. Ten candles were lighted on Bill's birthday cake. He blew out all but 3. Bill blew out how many candles?

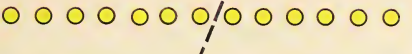
d. Jack had 9 marbles. Bill had 2. How many marbles did both boys have together?

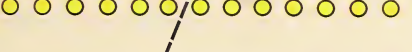
Working with Parts of 13

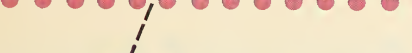
1. Write about these parts of 13 in two ways.


a.  13 = 9 and 4 13 = 4 and 9

b.  13 = ____ and ____ 13 = ____ and ____

c.  13 = ____ and ____ 13 = ____ and ____

d.  13 = ____ and ____ 13 = ____ and ____

e.  13 = ____ and ____ 13 = ____ and ____

f.  13 = ____ and ____ 13 = ____ and ____

2. Write what is missing.

a. 13 = 4 and ____ b. 13 = 6 and ____ c. 13 = 5 and ____
 13 = ____ and ____ 13 = ____ and ____ 13 = ____ and ____

3. What is the other part?

a. One part of 13 is 9. b. One part of 13 is 5. c. One part of 13 is 6.
 The other part is ____ The other part is ____ The other part is ____.

4. Finish the whole story about each picture.



9

8

7

+ 4 + - - + 5 + - - + 6 + - -

Writing Whole Stories

Finish the whole stories.

a. $5 + 8 = 13$

b. $6 + 7 = 13$

c. $4 + 9 = 13$

Working with Adding Stories

1. For each picture, write the two adding stories.

a.



$\begin{array}{r} + \\ \hline \end{array}$	$\begin{array}{c} \\ \hline \end{array}$	$\begin{array}{r} + \\ \hline \end{array}$
--	--	--

b.



$\begin{array}{r} + \\ \hline \end{array}$	$\begin{array}{c} \\ \hline \end{array}$	$\begin{array}{r} + \\ \hline \end{array}$
--	--	--

c.



$\begin{array}{r} + \\ \hline \end{array}$	$\begin{array}{c} \\ \hline \end{array}$	$\begin{array}{r} + \\ \hline \end{array}$
--	--	--

2. Finish the adding story. Then write the other adding story.

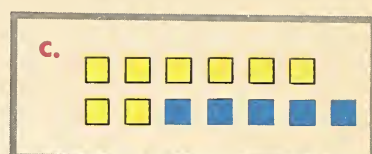
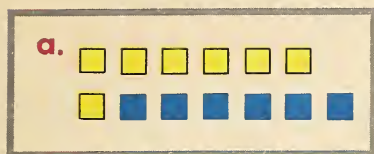
a. $4 + 9 = \underline{\quad}$ **b.** $8 + 5 = \underline{\quad}$ **c.** $6 + 7 = \underline{\quad}$ **d.** $5 + 8 = \underline{\quad}$

3. Write the sums. Pairs of stories may help you.

$\begin{array}{r} 3 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 8\text{¢} \\ + 5\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 5\text{¢} \\ 4\text{¢} \\ + 4\text{¢} \\ \hline \end{array}$
---	---	---	---	---	---	---	---	--

$\begin{array}{r} 6 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 7\text{¢} \\ + 6\text{¢} \\ \hline \end{array}$
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1. For each box, write the two subtracting stories.



13 -

13 -

2. Finish each subtracting story. Then write the other subtracting story.

a. 13

b. 13

c. 13

d. 13

- 4

-

- 8

-

- 7

-

- 9

-

3. Write the remainders. Pairs of stories may help you.

12
- 3

13
- 4

11
- 5

12
- 7

13
- 6

11
- 4

11
- 6

13
- 7

12¢
- 5¢

12
- 9

13
- 8

11
- 7

12
- 4

13
- 9

12
- 8

11
- 9

12
- 6

13¢
- 5¢

● Write the answers. Look for + and -.

1. 13
- 8

9
+ 3

12
- 8

5
+ 8

4
+ 9

5
+ 7

13
- 6

6
+ 7

13¢
- 5¢

2. 8
+ 5

12
- 5

13
- 4

12
- 7

9
+ 4

13
- 7

7
+ 5

13
- 9

7¢
+ 6¢

More about Equal Groups

1. Tom and Mary looked at this picture of 10 blocks. Tom saw 5 groups of 2. Mary saw 2 groups of 5.

Can you see 10 in these two ways? Yes No



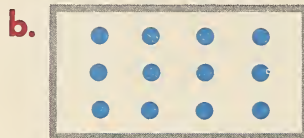
2. Finish the work about each dot picture.



How many? 8

4 groups of 2

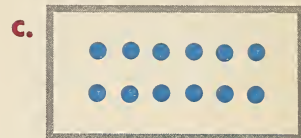
2 groups of 4



How many? 12

4 groups of 3

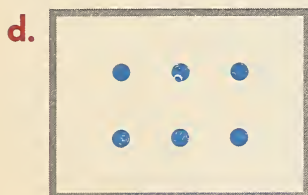
3 groups of 4



How many? 12

6 groups of 2

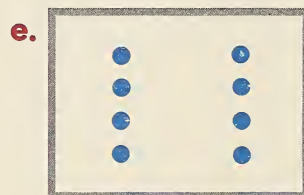
2 groups of 6



How many? 6

3 groups of 2

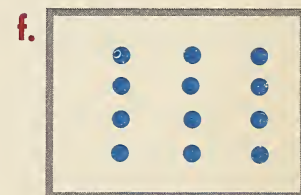
2 groups of 3



How many? 6

3 groups of 2

2 groups of 3



How many? 9

3 groups of 3

1 group of 9

● Write the answers. Look for + and -.

1. 5 9 12 3 12 7 11 8 12
+ 5 + 3 - 5 + 8 - 3 + 5 - 4 + 4 - 6

2. $3 + 5 + 5 = \underline{\quad}$ $2 + 2 + 9 = \underline{\quad}$ $3¢ + 4¢ + 6¢ = \underline{\quad}¢$

1. Write about these parts of 14.

<p>a. 14 = <u>9</u> and <u>5</u></p> <p>b. 14 = <u> </u> and <u> </u></p> <p>c. 14 = <u> </u> and <u> </u></p> <p>d. 14 = <u> </u> and <u> </u></p> <p>e. 14 = <u> </u> and <u> </u></p>	<p>14 = <u>5</u> and <u>9</u></p> <p>14 = <u> </u> and <u> </u></p> <p>14 = <u> </u> and <u> </u></p> <p>14 = <u> </u> and <u> </u></p> <p>14 = <u> </u> and <u> </u></p>	<p>14 = <u>5</u> and <u>9</u></p> <p>14 = <u> </u> and <u> </u></p> <p>14 = <u> </u> and <u> </u></p> <p>14 = <u> </u> and <u> </u></p> <p>14 = <u> </u> and <u> </u></p>
--	---	---

2. Write what is missing.

<p>a. 14 = 5 and <u> </u></p> <p>14 = <u> </u> and <u> </u></p>	<p>b. 14 = 8 and <u> </u></p> <p>14 = <u> </u> and <u> </u></p>	<p>c. 14 = 9 and <u> </u></p> <p>14 = <u> </u> and <u> </u></p>
---	---	---

3. What is the other part?

<p>a. One part of 14 is 7.</p> <p>The other part is <u> </u>.</p>	<p>b. One part of 14 is 5.</p> <p>The other part is <u> </u>.</p>	<p>c. One part of 14 is 8.</p> <p>The other part is <u> </u>.</p>
---	---	---

4. Finish the whole story about each picture.

<p>a. </p> <p>9</p> <p><u>+ 5</u> <u>+</u> <u>-</u> <u>-</u></p>	<p>b. </p> <p>8</p> <p><u>+ 6</u> <u>+</u> <u>-</u> <u>-</u></p>	<p>c. </p> <p>7</p> <p><u>+ 7</u> <u>-</u></p>
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5. The whole story about 14 and its parts 7 and 7 has stories.

Writing Whole Stories

Finish the whole stories.

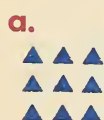
a. $5 + 9 = 14$

b. $8 + 6 = 14$

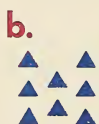
c. $7 + 7 = 14$

Working with Adding Stories

1. For each picture, write the two adding stories.



$\begin{array}{r} + \\ \hline \end{array}$	$\begin{array}{r} + \\ \hline \end{array}$
--	--



$\begin{array}{r} + \\ \hline \end{array}$	$\begin{array}{r} + \\ \hline \end{array}$
--	--

2. $7 + 7 = 14$. Is there another adding story about 14 and its parts 7 and 7?

Yes No

3. Finish the adding story. Then write the other adding story.

a. $6 + 8 = \underline{\quad}$

b. $5 + 9 = \underline{\quad}$

c. $8 + 6 = \underline{\quad}$

d. $9 + 5 = \underline{\quad}$

4. Write the sums. Pairs of stories may help you.

$\begin{array}{r} 5 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 5\text{¢} \\ + 9\text{¢} \\ \hline \end{array}$	$\begin{array}{r} 7\text{¢} \\ 2\text{¢} \\ + 5\text{¢} \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 7\text{¢} \\ + 6\text{¢} \\ \hline \end{array}$
---	---	---	---	---	---	---	---

1. For boxes **a** and **b**, write the two subtracting stories.



14.

A 3x3 grid of dots forming the number 4. The dots are arranged as follows: Row 1: (1,1), (1,2), (1,3); Row 2: (2,1), (2,2), (2,3); Row 3: (3,1), (3,2), (3,3). The number 4 is formed by the dots at (1,1), (1,2), (1,3), (2,1), (2,2), (2,3), (3,1), (3,2), and (3,3).

- 2.** For **c**, the subtracting story is



there another subtracting story for **c**? Yes No

- 3.** Finish each subtracting story. Then write the other subtracting story.

a. $\begin{array}{r} 14 \\ - 9 \\ \hline \end{array}$ **b.** $\begin{array}{r} 14 \\ - 6 \\ \hline \end{array}$ **c.** $\begin{array}{r} 14 \\ - 5 \\ \hline \end{array}$ **d.** $\begin{array}{r} 14 \\ - 8 \\ \hline \end{array}$

- 4.** Write the remainders. Pairs of stories may help you.

13	14	13	11	13	14	12	13¢
<u>- 7</u>	<u>- 5</u>	<u>- 4</u>	<u>- 7</u>	<u>- 8</u>	<u>- 7</u>	<u>- 8</u>	<u>- 6¢</u>

12	13	13	14	12	11	14	14¢
− 7	− 9	− 5	− 8	− 5	− 8	− 9	− 6¢

- Write the answers. Look for + and -.

$$\begin{array}{r} 1. \quad 14 \quad 5 \quad 6 \quad 13 \quad 9 \quad 12 \quad 14 \quad 13 \\ - 7 \quad + 9 \quad + 8 \quad - 6 \quad + 5 \quad - 3 \quad - 6 \quad - 4 \end{array}$$

$$\begin{array}{r} 2. \quad 6 \quad 11 \quad 14 \quad 14 \quad 12 \quad 7 \quad 14 \quad 8¢ \\ + 7 \quad - 6 \quad - 8 \quad - 5 \quad - 8 \quad + 7 \quad - 9 \quad + 6¢ \\ \hline \end{array}$$



Write your work on the lines.

1. In a ring game Patty made 4 points, then 2 points, then 6 points. In all, how many points did Patty make?

2. Ann made 11 points. Jane made 7 points. How many more points did Ann make than Jane?

3. In three turns, Sue made 2 points, 6 points, and 3 points. How many points in all did Sue make in her three turns?

4. In one turn, Linda made 9 points. In the next turn she made 7 points. How many more points did she make in one turn than in the other?

Write the answers. Look for + and -.

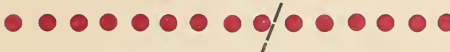
5.	3	4	12	7	11	12	4	12
	<u>+ 7</u>	<u>+ 8</u>	<u>- 3</u>	<u>+ 5</u>	<u>- 6</u>	<u>- 6</u>	<u>+ 7</u>	<u>- 5</u>


6.	5	4	3	4	3	2	3	4
	3	3	3	5	4	3	5	4
	<u>+ 6</u>	<u>+ 7</u>	<u>+ 8</u>	<u>+ 5</u>	<u>+ 6</u>	<u>+ 9</u>	<u>+ 4</u>	<u>+ 6</u>


7.	17	48	65	78	94	56	37	29
	<u>+ 2</u>	<u>+ 1</u>	<u>- 3</u>	<u>- 5</u>	<u>+ 3</u>	<u>+ 2</u>	<u>- 4</u>	<u>- 4</u>


Working with Parts of 15

1. Write about these parts of 15 in two ways.

a.  15 = 9 and 6 15 = 6 and 9

b.  15 = and 15 = and

c.  15 = and 15 = and

d.  15 = and 15 = and

2. Write what is missing.

a. 15 = 7 and b. 15 = 6 and c. 15 = 8 and
 15 = and 15 = and 15 = and

3. What is the other part?

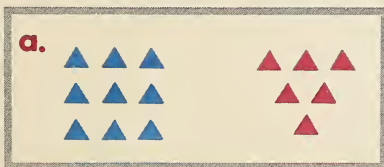
a. One part of 15 is 9.
The other part is .

b. One part of 15 is 7.
The other part is .

c. One part of 15 is 6.
The other part is .

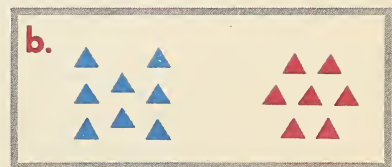
d. One part of 15 is 8.
The other part is .

4. Finish the whole story about each picture.



9

+ 6 + - -



8

+ 7 + - -

Writing Whole Stories

Finish the whole stories.

a. 9

$$\begin{array}{r} + 6 \\ \hline \end{array}$$

15

$$\begin{array}{r} + \\ \hline \end{array}$$

$$\begin{array}{r} - \\ \hline \end{array}$$

$$\begin{array}{r} - \\ \hline \end{array}$$

b. 7

$$\begin{array}{r} + 8 \\ \hline \end{array}$$

15

$$\begin{array}{r} + \\ \hline \end{array}$$

$$\begin{array}{r} - \\ \hline \end{array}$$

$$\begin{array}{r} - \\ \hline \end{array}$$

c. 6

$$\begin{array}{r} + 8 \\ \hline \end{array}$$

14

$$\begin{array}{r} + \\ \hline \end{array}$$

$$\begin{array}{r} - \\ \hline \end{array}$$

$$\begin{array}{r} - \\ \hline \end{array}$$

d. 8

$$\begin{array}{r} + 5 \\ \hline \end{array}$$

13

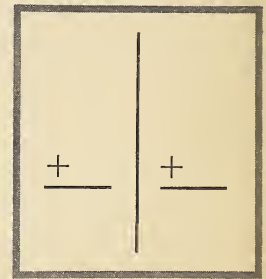
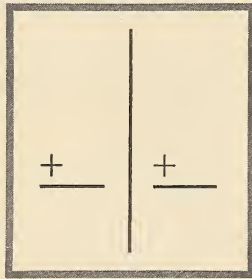
$$\begin{array}{r} + \\ \hline \end{array}$$

$$\begin{array}{r} - \\ \hline \end{array}$$

$$\begin{array}{r} - \\ \hline \end{array}$$

Working with Adding Stories

1. For each picture, write the two adding stories.



2. Finish the adding story. Then write the other adding story.

a. $8 + 7 = \underline{\hspace{2cm}}$

b. $6 + 9 = \underline{\hspace{2cm}}$

c. $7 + 8 = \underline{\hspace{2cm}}$

d. $9 + 6 = \underline{\hspace{2cm}}$

3. Write the sums. Pairs of stories may help you.

$$\begin{array}{r} 6 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8\text{¢} \\ + 5\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 4\text{¢} \\ 3\text{¢} \\ + 8\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8\text{¢} \\ + 6\text{¢} \\ \hline \end{array}$$

Working with Subtracting Stories

1. For each box, write the two subtracting stories.



15—

15—

2. Finish each subtracting story. Then write the other subtracting story.

a. 15

b. 15

c. 15

d. 15

— 6

—

— 7

—

— 9

—

— 8

—

3. Write the remainders. Pairs of stories may help you.

14
— 8

13
— 4

15
— 7

13
— 7

11
— 2

13
— 9

15
— 8

15
— 6

14¢
— 5¢

14
— 9

13
— 5

14
— 7

13
— 6

12
— 7

13
— 8

11
— 3

14
— 6

15¢
— 9¢

Write the answers. Look for + and —.

1. 4 14 15 14 13 6 7 15 8
+ 9 — 8 — 6 — 7 — 4 + 9 + 6 — 9 + 5

2. 7 15 13 5 6 15 9 13 7
+ 7 — 8 — 6 + 9 + 8 — 7 + 6 — 9 + 8

3. 8 14 5 14 9 13 8 14 13
+ 6 — 9 + 8 — 6 + 5 — 7 + 7 — 5 — 5

Finding One Half of a Group



1. Does this have 2 parts? Yes No

Are the parts equal? Yes No

Is each part one half? Yes No

When the whole has 2 equal parts, each part is one half.

2. In this whole group



there are ____ dots.

Draw over the broken line.

Now is the group in 2 equal parts? Yes No

Is each part $\frac{1}{2}$ of 6? Yes No

When the whole group has 2 equal parts, each part is one half.

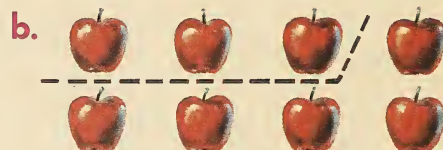
3. Draw over the broken line. Then finish the work.



Are there 2 parts? Yes No

Are the parts equal? Yes No

Is each part $\frac{1}{2}$ of 8? Yes No



Are there 2 parts? Yes No

Are the parts equal? Yes No

Is each part $\frac{1}{2}$ of 8? Yes No

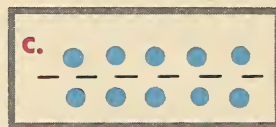
4. For each box, draw over the broken line. Then finish the work.



$\frac{1}{2}$ of 4 = 2



$\frac{1}{2}$ of 8 = ____



$\frac{1}{2}$ of 10 = ____



$\frac{1}{2}$ of 12 = ____

5. 12 is 1 dozen.

6 is $\frac{1}{2}$ of 12.

6 is $\frac{1}{2}$ dozen.



Box A has ____ dozen eggs.



Box B has ____ dozen eggs.

Box A and box B together have ____ dozen eggs.

Finding One Half of a Number

1. $6 = 3$ and ____

6 has the parts 3 and ____.

Are the 2 parts equal? Yes No

Is each part $\frac{1}{2}$ of 6? Yes No

$\frac{1}{2}$ of 6 = ____

2. $4 = 2$ and ____

4 has the parts 2 and ____.

Are the 2 parts equal? Yes No

Is each part $\frac{1}{2}$ of 4? Yes No

$\frac{1}{2}$ of 4 = ____

3. 8 has the equal parts 4 and ____.

$\frac{1}{2}$ of 8 = ____

4. 14 has the equal parts 7 and ____.

$\frac{1}{2}$ of 14 = ____

5. 12 has the equal parts 6 and ____.

$\frac{1}{2}$ of 12 = ____

6. In 1 dozen there are ____.

In $\frac{1}{2}$ dozen there are ____.

Can You Write All the Answers?

1.	$\begin{array}{r} 4 \\ + 9 \end{array}$	$\begin{array}{r} 13 \\ - 8 \end{array}$	$\begin{array}{r} 7 \\ + 7 \end{array}$	$\begin{array}{r} 9 \\ + 5 \end{array}$	$\begin{array}{r} 8 \\ + 5 \end{array}$	$\begin{array}{r} 15 \\ - 6 \end{array}$	$\begin{array}{r} 8 \\ + 7 \end{array}$	$\begin{array}{r} 6 \\ + 8 \end{array}$	$\begin{array}{r} 15\text{¢} \\ - 8\text{¢} \end{array}$
----	---	--	---	---	---	--	---	---	--


2.	$\begin{array}{r} 6 \\ + 9 \end{array}$	$\begin{array}{r} 14 \\ - 6 \end{array}$	$\begin{array}{r} 5 \\ + 8 \end{array}$	$\begin{array}{r} 13 \\ - 7 \end{array}$	$\begin{array}{r} 14 \\ - 9 \end{array}$	$\begin{array}{r} 8 \\ + 6 \end{array}$	$\begin{array}{r} 5 \\ + 9 \end{array}$	$\begin{array}{r} 9 \\ + 6 \end{array}$	$\begin{array}{r} 14\text{¢} \\ - 8\text{¢} \end{array}$
----	---	--	---	--	--	---	---	---	--


3.	$\begin{array}{r} 7 \\ + 8 \end{array}$	$\begin{array}{r} 13 \\ - 5 \end{array}$	$\begin{array}{r} 9 \\ + 4 \end{array}$	$\begin{array}{r} 6 \\ + 7 \end{array}$	$\begin{array}{r} 13 \\ - 4 \end{array}$	$\begin{array}{r} 15 \\ - 9 \end{array}$	$\begin{array}{r} 14 \\ - 7 \end{array}$	$\begin{array}{r} 7 \\ + 6 \end{array}$	$\begin{array}{r} 15\text{¢} \\ - 7\text{¢} \end{array}$
----	---	--	---	---	--	--	--	---	--


4.	$\begin{array}{r} 3 \\ 5 \\ + 7 \end{array}$	$\begin{array}{r} 6 \\ 3 \\ + 6 \end{array}$	$\begin{array}{r} 3 \\ 5 \\ + 5 \end{array}$	$\begin{array}{r} 5\text{¢} \\ 2\text{¢} \\ + 7\text{¢} \end{array}$	$\begin{array}{r} 4\text{¢} \\ 2\text{¢} \\ + 7\text{¢} \end{array}$	$\begin{array}{r} 5\text{¢} \\ 2\text{¢} \\ + 8\text{¢} \end{array}$	5. $3 + 3 + 9 = \underline{\hspace{2cm}}$	6. $4 + 3 + 6 = \underline{\hspace{2cm}}$
----	--	--	--	--	--	--	---	---

Working with Parts of 16

1. Write about these parts of 16.

a.  $16 = \underline{9}$ and $\underline{7}$ $16 = \underline{7}$ and $\underline{9}$

b.  $16 = \underline{\quad}$ and $\underline{\quad}$

c.  $16 = \underline{\quad}$ and $\underline{\quad}$ $16 = \underline{\quad}$ and $\underline{\quad}$

2. Write what is missing.

a. $16 = 7$ and $\underline{\quad}$ b. $15 = 8$ and $\underline{\quad}$ c. $16 = 9$ and $\underline{\quad}$

$16 = \underline{\quad}$ and $\underline{\quad}$ $15 = \underline{\quad}$ and $\underline{\quad}$ $16 = \underline{\quad}$ and $\underline{\quad}$

3. What is the other part?

a. One part of 16 is 9.
The other part is $\underline{\quad}$.

b. One part of 16 is 8.
The other part is $\underline{\quad}$.

4. Finish the whole story about each picture.



9

$$\begin{array}{r} + 7 \\ \hline \end{array} \quad \begin{array}{r} + \quad \\ \hline \end{array} \quad \begin{array}{r} - \quad \\ \hline \end{array} \quad \begin{array}{r} - \quad \\ \hline \end{array}$$



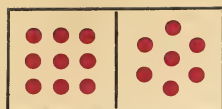
8

$$\begin{array}{r} + 8 \\ \hline \end{array} \quad \begin{array}{r} - \quad \\ \hline \end{array}$$

5. Finish the whole stories.

a. 6 b. 8 c. 7

$\begin{array}{r} + 9 \\ \hline \end{array}$ $\begin{array}{r} + \quad \\ \hline \end{array}$ $\begin{array}{r} - \quad \\ \hline \end{array}$ $\begin{array}{r} - \quad \\ \hline \end{array}$ $\begin{array}{r} + 8 \\ \hline \end{array}$ $\begin{array}{r} - \quad \\ \hline \end{array}$ $\begin{array}{r} + 9 \\ \hline \end{array}$ $\begin{array}{r} + \quad \\ \hline \end{array}$ $\begin{array}{r} - \quad \\ \hline \end{array}$ $\begin{array}{r} - \quad \\ \hline \end{array}$



9 and 7

Working with Adding and Subtracting Stories



8 and 8

1. Finish the story. Then write the other story.

a. $9 + 7 = \underline{\quad}$ b. $6 + 8 = \underline{\quad}$ c. $7 + 9 = \underline{\quad}$ d. $9 + 6 = \underline{\quad}$

e. $8 + 8 = \underline{\quad}$ Is there another adding story? Yes No

f. $16 - 7 = \underline{\quad}$ g. $15 - 8 = \underline{\quad}$ h. $16 - 9 = \underline{\quad}$ i. $14 - 6 = \underline{\quad}$

j. $16 - 8 = \underline{\quad}$ Is there another subtracting story? Yes No

2. Write the answers. Pairs of stories may help you.

$\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---


$\begin{array}{r} 16 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 7 \\ \hline \end{array}$
--	--	--	--	--	--	--	--	--


3. Write the answers. Look for + and -.

$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 7 \\ \hline \end{array}$
---	--	---	---	--	---	--	---	--

Working with Parts of 17 and 18

1. Write about these parts of 17 in two ways.

a.  $17 = \underline{9}$ and $\underline{8}$ $17 = \underline{8}$ and $\underline{9}$

b.  $17 = \underline{\quad}$ and $\underline{\quad}$ $17 = \underline{\quad}$ and $\underline{\quad}$

2. Write about these parts of 18.

 $18 = \underline{9}$ and $\underline{9}$

3. Write what is missing. a. $17 = 9$ and $\underline{\quad}$ b. $16 = 7$ and $\underline{\quad}$

$17 = \underline{\quad}$ and $\underline{\quad}$ $16 = \underline{\quad}$ and $\underline{\quad}$

4. What is the other part?

a. One part of 17 is 9.

b. One part of 18 is 9.

The other part is $\underline{\quad}$.

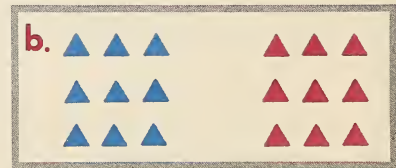
The other part is $\underline{\quad}$.

5. Finish the whole story about each picture.



9

$\underline{+ 8}$ $\underline{+ \quad}$ $\underline{- \quad}$ $\underline{- \quad}$



9

$\underline{+ \quad}$ $\underline{- \quad}$

6. Finish the whole stories.

a. 8

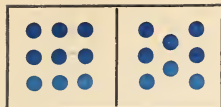
$\underline{+ 9}$ $\underline{+ \quad}$ $\underline{- \quad}$ $\underline{- \quad}$

b. 8

$\underline{+ 8}$ $\underline{- \quad}$

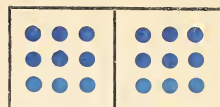
c. 9

$\underline{+ 9}$ $\underline{- \quad}$



9 and 8

Working with Adding and Subtracting Stories



9 and 9

1. Finish the story. Then write the other story.

a. $9 + 8 = \underline{\quad}$ b. $6 + 7 = \underline{\quad}$ c. $8 + 9 = \underline{\quad}$ d. $9 + 6 = \underline{\quad}$

e. $9 + 9 = \underline{\quad}$ Is there another adding story? Yes No

f. $17 - 9 = \underline{\quad}$ g. $15 - 7 = \underline{\quad}$ h. $17 - 8 = \underline{\quad}$ i. $14 - 9 = \underline{\quad}$

j. $18 - 9 = \underline{\quad}$ Is there another subtracting story? Yes No

2. Write the answers. Pairs of stories may help you.

$\begin{array}{r} 8 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 9 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} 16 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 6 \\ \hline \end{array}$
--	--	--	--	--	--	--	--	--

3. Write the answers. Look for + and -.

$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 8 \\ \hline \end{array}$
---	---	--	--	---	--	--	---	--



Write your work in the boxes.

1. Father has caught 5 fish, Ned 4, and Don 3. How many fish did they catch in all?

2. One day they got 9 fish. They ate all but 2 for dinner. How many fish did they eat?

3. Another day Ned caught 5 fish. Father caught 9. Father caught how many more fish that day than Ned?

4. Father had 12 fish lines. He lost 3 of the lines. How many lines does he have left?

Add or Subtract?

1. Listen to the problem your teacher reads. Think. Then write + or - to show what to do.

a. ____ b. ____ c. ____ d. ____ e. ____ f. ____

2. Write the answers. Look for + and -.

$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 8 \\ \hline \end{array}$
---	--	--	--	---	---	---	--

$\begin{array}{r} 17 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$
--	---	---	---	--	--	---	--

Learning to Use a 10-Group in Adding

1. $9 + 2 = ?$ The dots show 9 and 2.



Draw over the broken line to make a 10-group.

$$10 + \underline{\quad} = \underline{\quad}, \text{ so } 9 + 2 = \underline{\quad}$$

2. $8 + 4 = ?$



Draw a line to make a 10-group. $10 + \underline{2} = \underline{\quad}, 8 + 4 = \underline{\quad}$

3. First draw a line to make a 10-group. Then finish the work.

a. $9 + 4 = ?$



$$10 + \underline{3} = \underline{13}, 9 + 4 = \underline{13}$$

b. $8 + 5 = ?$

$$10 + \underline{\quad} = \underline{\quad}, 8 + 5 = \underline{\quad}$$

c. $7 + 6 = ?$

$$10 + \underline{\quad} = \underline{\quad}, 7 + 6 = \underline{\quad}$$

d. $9 + 5 = ?$



$$10 + \underline{\quad} = \underline{\quad}, 9 + 5 = \underline{\quad}$$

e. $8 + 6 = ?$

$$10 + \underline{\quad} = \underline{\quad}, 8 + 6 = \underline{\quad}$$

f. $7 + 7 = ?$

$$10 + \underline{\quad} = \underline{\quad}, 7 + 7 = \underline{\quad}$$

g. $9 + 6 = ?$



$$10 + \underline{\quad} = \underline{\quad}, 9 + 6 = \underline{\quad}$$

h. $8 + 7 = ?$

$$10 + \underline{\quad} = \underline{\quad}, 8 + 7 = \underline{\quad}$$

i. $9 + 7 = ?$



$$10 + \underline{\quad} = \underline{\quad}, 9 + 7 = \underline{\quad}$$

j. $8 + 8 = ?$

$$10 + \underline{\quad} = \underline{\quad}, 8 + 8 = \underline{\quad}$$

k. $9 + 8 = ?$



$$10 + \underline{\quad} = \underline{\quad}, 9 + 8 = \underline{\quad}$$







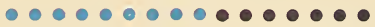




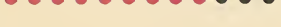
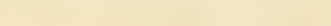
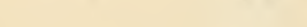
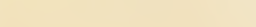
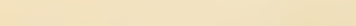
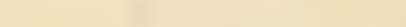

l. $9 + 9 = ?$



$$10 + \underline{\quad} = \underline{\quad}, 9 + 9 = \underline{\quad}$$

Using a 10-Group in Adding

Draw a line to make a 10-group. Then finish the work.

1. $9 + 5 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $9 + 5 = \underline{\quad}$
2. $8 + 7 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $8 + 7 = \underline{\quad}$
3. $7 + 5 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $7 + 5 = \underline{\quad}$
4. $9 + 4 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $9 + 4 = \underline{\quad}$
5. $7 + 6 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $7 + 6 = \underline{\quad}$
6. $8 + 8 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $8 + 8 = \underline{\quad}$
7. $9 + 7 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $9 + 7 = \underline{\quad}$
8. $8 + 4 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $8 + 4 = \underline{\quad}$
9. $6 + 5 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $6 + 5 = \underline{\quad}$
10. $9 + 9 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $9 + 9 = \underline{\quad}$
11. $8 + 6 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $8 + 6 = \underline{\quad}$
12. $9 + 3 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $9 + 3 = \underline{\quad}$
13. $7 + 7 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $7 + 7 = \underline{\quad}$
14. $8 + 5 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $8 + 5 = \underline{\quad}$
15. $7 + 4 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $7 + 4 = \underline{\quad}$
16. $9 + 6 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $9 + 6 = \underline{\quad}$
17. $9 + 8 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $9 + 8 = \underline{\quad}$
18. $6 + 6 = ?$  $10 + \underline{\quad} = \underline{\quad},$ $6 + 6 = \underline{\quad}$

Learning to Use a 10-Group in Subtracting


Draw a line to make a 10-group. Then finish the work.

1. $11 - 9 = ?$  9 of the dots are covered.

How many are left? 1 and 1, or 2 So, $11 - 9 = \underline{2}$

2. $11 - 8 = ?$  8 of the dots are covered.

How many are left? 2 and 1, or 3 So, $11 - 8 = \underline{\quad}$

3. $11 - 7 = ?$ 


Cover 7. How many are left? and , or So, $11 - 7 = \underline{\quad}$

4. $12 - 9 = ?$ 

Cover 9. How many are left? and , or So, $12 - 9 = \underline{\quad}$

5. $12 - 8 = ?$ 

Cover 8. How many are left? and , or So, $12 - 8 = \underline{\quad}$

6. $12 - 7 = ?$ 

Cover 7. How many are left? and , or So, $12 - 7 = \underline{\quad}$

7. $13 - 9 = ?$ 

Cover 9. How many are left? and , or So, $13 - 9 = \underline{\quad}$

8. $13 - 8 = ?$ 

Cover 8. How many are left? and , or So, $13 - 8 = \underline{\quad}$

9. $13 - 7 = ?$ 

Cover 7. How many are left? and , or So, $13 - 7 = \underline{\quad}$

Learning to Use a 10-Group in Subtracting

Draw a line to make a 10-group. Then finish the work.

1. $14 - 9 = ?$ 

Cover 9. How many are left? ____ and ____, or ____ So, $14 - 9 =$ ____

2. $14 - 8 = ?$ 

Cover 8. How many are left? ____ and ____, or ____ So, $14 - 8 =$ ____

3. $14 - 7 = ?$ 

Cover 7. How many are left? ____ and ____, or ____ So, $14 - 7 =$ ____

4. $15 - 9 = ?$ 


Cover 9. How many are left? ____ and ____, or ____ So, $15 - 9 =$ ____

5. $15 - 8 = ?$ 

Cover 8. How many are left? ____ and ____, or ____ So, $15 - 8 =$ ____

6. $16 - 9 = ?$ 

Cover 9. How many are left? ____ and ____, or ____ So, $16 - 9 =$ ____

7. $16 - 8 = ?$ 

Cover 8. How many are left? ____ and ____, or ____ So, $16 - 8 =$ ____

8. $17 - 9 = ?$ 

Cover 9. How many are left? ____ and ____, or ____ So, $17 - 9 =$ ____

9. $18 - 9 = ?$ 

Cover 9. How many are left? ____ and ____, or ____ So, $18 - 9 =$ ____

Using a 10-Group in Subtracting


Draw a line to make a 10-group. Then finish the work.

1. $14 - 9 = ?$ 


Cover 9. How many are left? ____ and ____, or ____ So, $14 - 9 =$ ____

2. $16 - 7 = ?$ 

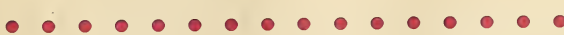
Cover 7. How many are left? ____ and ____, or ____ So, $16 - 7 =$ ____

3. $15 - 8 = ?$ 


Cover 8. How many are left? ____ and ____, or ____ So, $15 - 8 =$ ____

4. $17 - 9 = ?$ 


Cover 9. How many are left? ____ and ____, or ____ So, $17 - 9 =$ ____

5. $16 - 9 = ?$ 


Cover 9. How many are left? ____ and ____, or ____ So, $16 - 9 =$ ____

6. $13 - 8 = ?$ 

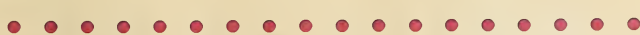
Cover 8. How many are left? ____ and ____, or ____ So, $13 - 8 =$ ____

7. $17 - 8 = ?$ 

Cover 8. How many are left? ____ and ____, or ____ So, $17 - 8 =$ ____

8. $15 - 9 = ?$ 

Cover 9. How many are left? ____ and ____, or ____ So, $15 - 9 =$ ____

9. $18 - 9 = ?$ 

Cover 9. How many are left? ____ and ____, or ____ So, $18 - 9 =$ ____

Do You Remember?

- | | | | | | | | | | |
|-----------|-----------------|------------------|-----------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| 1. | 4
<u>+ 9</u> | 13
<u>- 8</u> | 7
<u>+ 9</u> | 16
<u>- 9</u> | 8
<u>+ 8</u> | 15
<u>- 6</u> | 18
<u>- 9</u> | 9
<u>+ 8</u> | 15¢
<u>- 8¢</u> |
| 2. | 8
<u>+ 9</u> | 14
<u>- 6</u> | 5
<u>+ 8</u> | 13
<u>- 7</u> | 14
<u>- 9</u> | 8
<u>+ 6</u> | 5
<u>+ 9</u> | 17
<u>- 8</u> | 16¢
<u>- 8¢</u> |
| 3. | 7
<u>+ 8</u> | 17
<u>- 9</u> | 9
<u>+ 6</u> | 9
<u>+ 7</u> | 13
<u>- 4</u> | 15
<u>- 9</u> | 16
<u>- 7</u> | 9
<u>+ 9</u> | 15¢
<u>- 7¢</u> |

Do You Know?

- 1.** The whole story about 14 and its parts 8 and 6 has ____ stories.
- 2.** The whole story about 18 and its parts 9 and 9 has ____ stories.
- 3.** The adding story that goes with $7 + 9 = 16$ is _____.
- 4.** The subtracting story that goes with $17 - 8 = 9$ is _____.
- 5.** $13 = 7$ and ____ $17 = 8$ and ____ $15 = 6$ and ____
 $13 =$ ____ and ____ $17 =$ ____ and ____ $15 =$ ____ and ____
- 6.** Write the whole story about 16 and its parts 9 and 7.

- | | | | | | |
|------------------------------|----------------------|--|----------------------|----------------------|-------------------------|
| 7. $3 + 4 + 9 =$ ____ | $7 + 2 + 8 =$ ____ | 10. <table style="display: inline-table; vertical-align: middle;"><tr><td style="text-align: center;">3
5
<u>+ 9</u></td><td style="text-align: center;">6
3
<u>+ 6</u></td><td style="text-align: center;">5¢
1¢
<u>+ 7¢</u></td></tr></table> | 3
5
<u>+ 9</u> | 6
3
<u>+ 6</u> | 5¢
1¢
<u>+ 7¢</u> |
| 3
5
<u>+ 9</u> | 6
3
<u>+ 6</u> | 5¢
1¢
<u>+ 7¢</u> | | | |
| 8. $4 + 3 + 6 =$ ____ | $8 + 1 + 5 =$ ____ | | | | |
| 9. $2 + 4 + 9 =$ ____ | $4 + 5 + 9 =$ ____ | | | | |

QA 106 B98 A GR-2
 BUSWELL GUY T GUY THOMAS
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 ARITHMETIC WE NEED
 NL 40803870 CURR HIST



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- 73 Counting by 3's; maintenance
 74 Fourths of an object
 75 Addition and subtraction problems; maintenance
 76 Finding What You Know
 77-79 Working with facts, sums and minuends to 10; maintenance
 80 Exploring with measures
 81-83 Working with facts, sums and minuends to 9; addition and subtraction problems; maintenance
 84-85 Finding how many more
 86 Addition and subtraction problems; test of facts, sums and minuends to 9
 87 Do You Know? (Test)
 88 Checking-Up Time (Term Test)

- 89-90 Component parts of a group of 10
 91-96 Whole stories about 10 and its parts; maintenance
 97 Addition and subtraction problems
 98 Finding What You Know
 99-102 Working with facts, sums and minuends to 10; writing $\frac{1}{2}$ and $\frac{1}{4}$
 102-103 Linear measure—the inch
 104-109 Adding ones to tens and ones; subtracting ones from tens and ones; maintenance
 110 Addition and subtraction problems; test of facts, sums and minuends to 10
 111 Do You Know? (Test)

- 112-113 Component parts of a group of 11
 114-119 Whole stories about 11 and its parts; maintenance; addition and subtraction problems
 120 Addition and subtraction problems; more adding and subtracting to and from tens and ones
 121 Finding What You Know
 122 Liquid measure—pint and quart
 123-125 Working with facts, sums and minuends to 11

about the numbers to 200; maintenance
 the half dollar; counting change and subtraction problems; test of facts, sums and minuends to 11
 Do You Know? (Test)

- 132-133 Component parts of a group of 12
 134-139 Whole stories about 12 and its parts; the dozen; maintenance
 140 Addition and subtraction problems
 141 Finding What You Know
 142-144 Working with facts, sums and minuends to 12; maintenance
 145-147 Introduction to meanings of multiplication and division; more counting
 148 Money: the dollar; working with money numbers
 149 Test of facts, sums and minuends to 12
 Do You Know? (Test)
 150-152 Checking-Up Time (Term Tests)

Extension Unit

- 153-155 Learning about 13 and the addition and subtraction facts involving 13
 156 More about beginnings of multiplication and division; maintenance
 157-159 Learning about 14 and the addition and subtraction facts involving 14
 160 Addition and subtraction problems; maintenance
 161-163 Learning about 15 and the addition and subtraction facts involving 15
 164-165 Finding one half of a number; maintenance
 166-167 Learning about 16 and the addition and subtraction facts involving 16
 168-169 Learning about 17 and 18 and the addition and subtraction facts involving 17 and 18
 170 Addition and subtraction problems; maintenance
 171-175 Using a 10-group as a helper in finding sums and remainders
 176 Test of facts, sums and minuends 13 to 18
 Do You Know? (Test)



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